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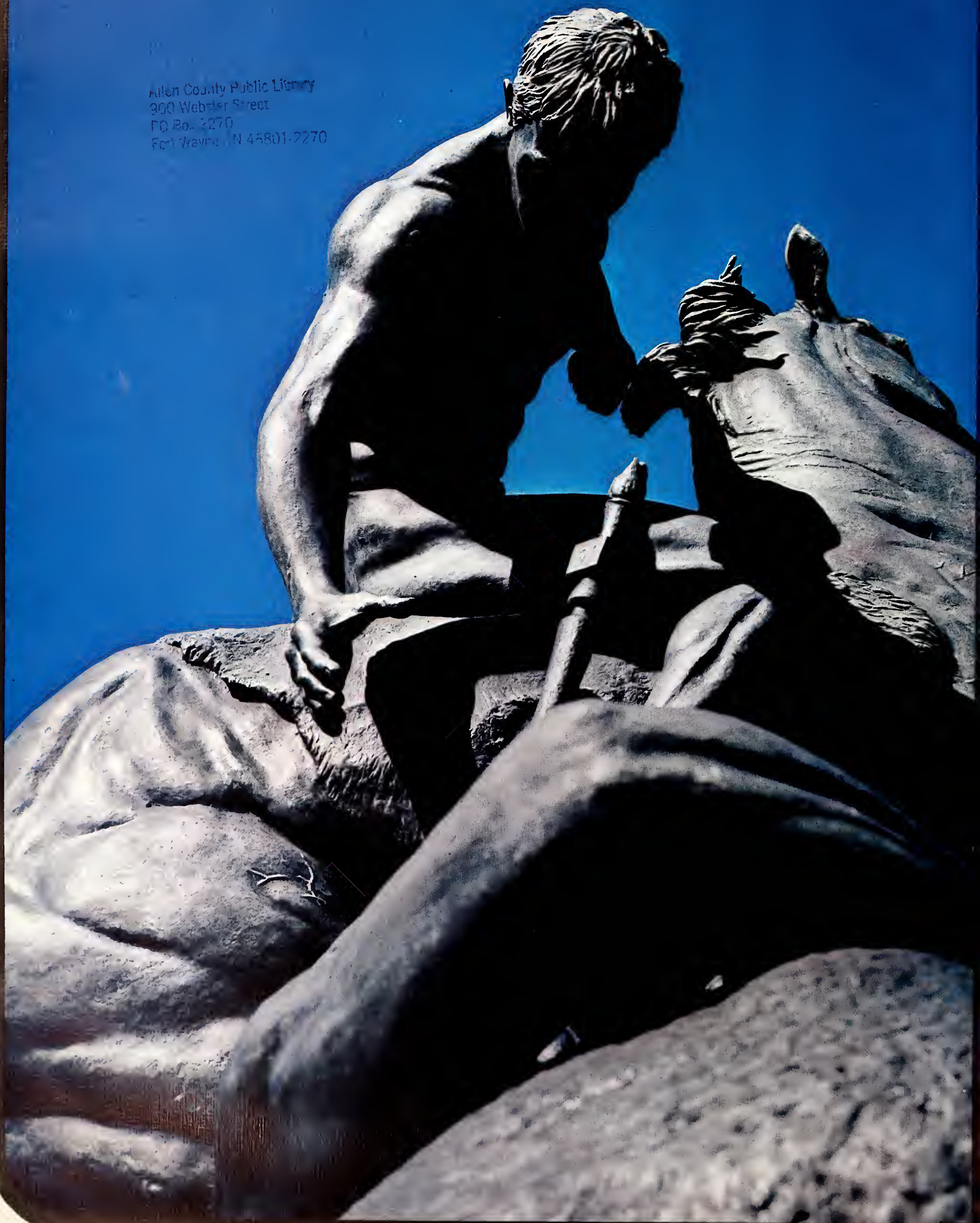


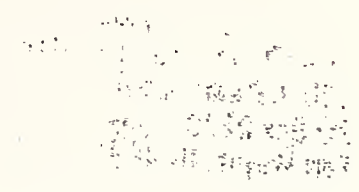
THROUGH HARDSHIP THE STARS

STEVENS INSTITUTE OF TECHNOLOGY

HOBOKEN, NEW JERSEY

Allen County Public Library
900 Webster Street
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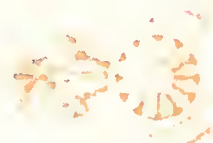


*To All Past And
Future Graduates
Of Stevens*

*The Class Of
1970 Dedicates
This Yearbook*



State of New Jersey



Department of State.

Thomas F. Martin,

Secretary of State

of New Jersey, do hereby Certify that the foregoing
copy of An Act to Incorporate the Stevens Institute

as the same is taken from and compared with the

Proved February 15, 1870,

of the State
is a true
Technology.

original

With The Stroke Of A Pen
One Hundred Years Of
History Was Born





*Do I Dare
Disturb The
Universe?*



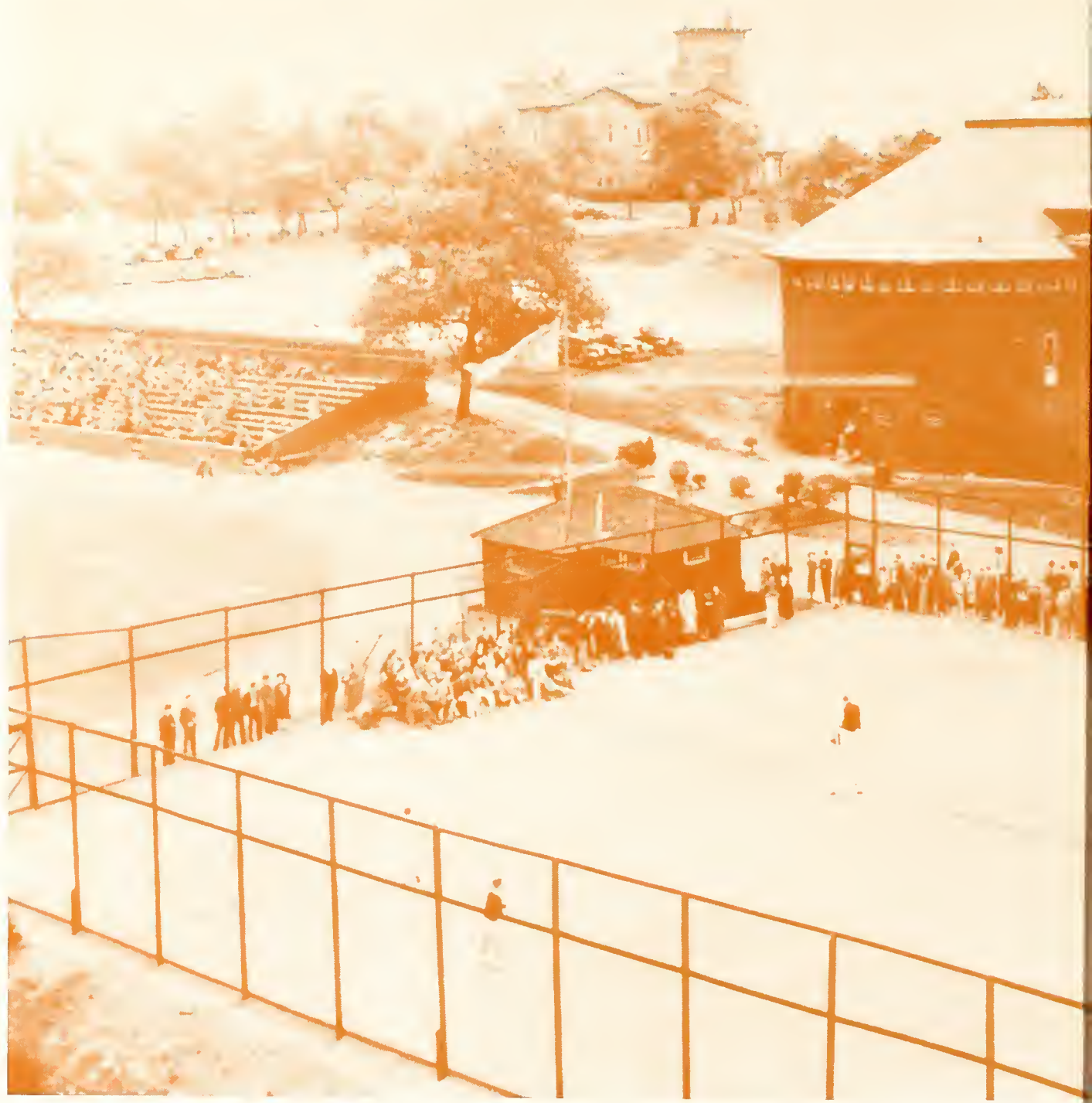


*In A Minute
There Is
Time For
Decision And
Revision.*

*All This Was A Long
Time Ago, I Remem-
ber, And I Would Do It
Again.*









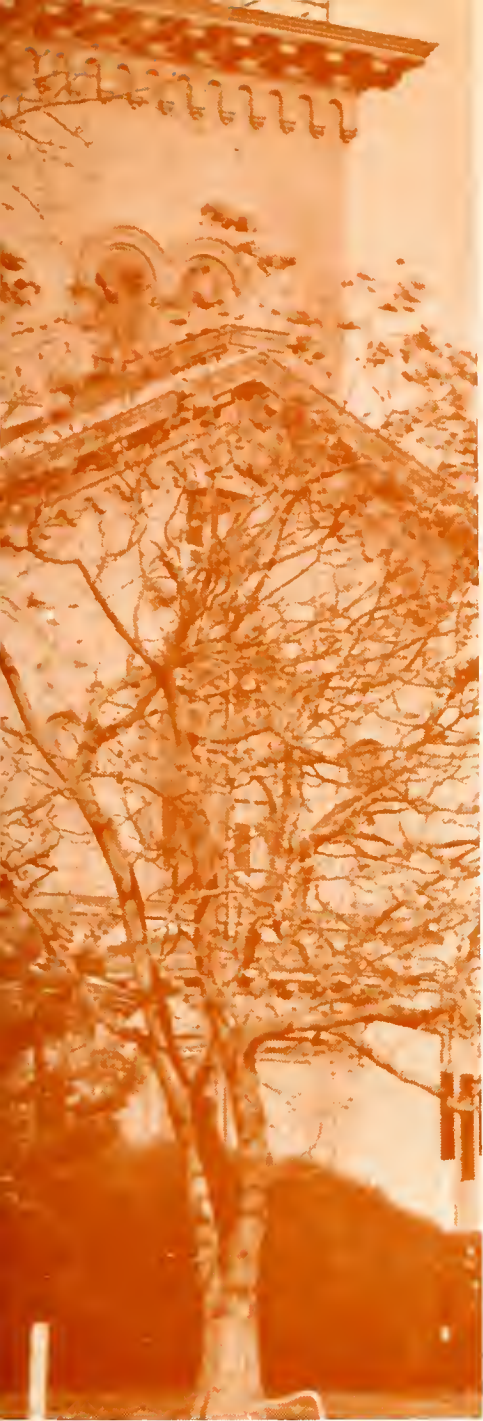
*The New Years Walk
Restoring Through A
Bright Cloud Of
Tears, The Years
Restoring . . .*

*With A New Verse
The Ancient Rhyme
Redeem The Time*



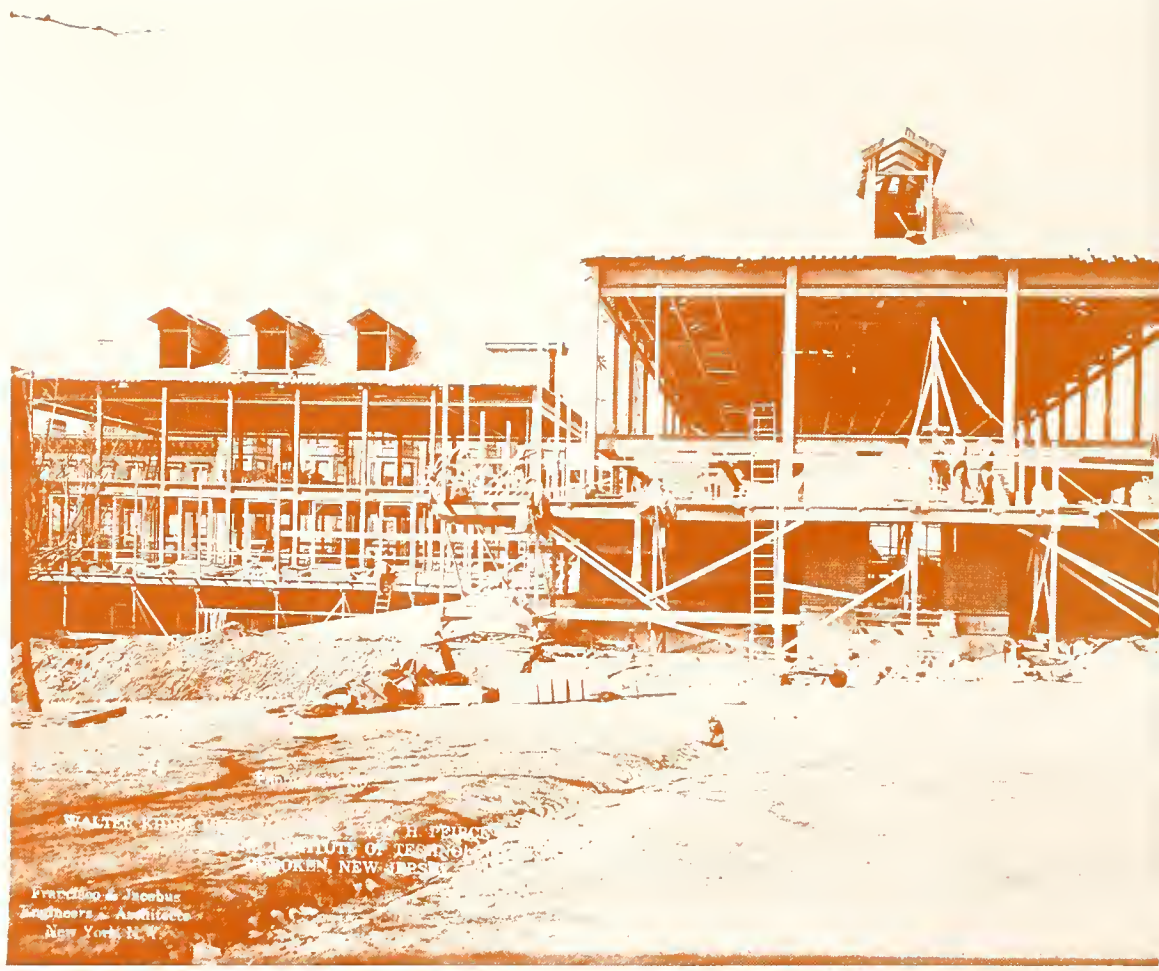






*The Age Demanded An Image
Of Its Accelerated Grimace
Something For The Modern
Stage, Not, At Any Rate, An
Attic Grace*







*Again The Long Roll Of The Drummers,
Again The Attacking Cannon, Mortars,
Again To My Listening Ears The Cannon
Responsive*



Stevens' *First* *Century*

Stevens is not solely an institution of learning, it is actually a reservoir of historical events, it is the sum of the people whose lives have gone into it. The college, placed originally, in 1870, on a city block on the southern edge of the Stevens Estate, has gradually extended its campus to include all the Castle Point area, adding, as the college grew, new room or laboratories, athletic facilities, student dormitories, an administration center, and a new library. Such is the college today.

In its one hundred years of growth, Stevens has had only four presidents whose periods of influence have determined its history. We can not forget, however, Stev-

ens' spiritual ancestors. The first of these was Colonel John Stevens (1749-1838), the compatriot of Washington during the New Jersey campaigns, the correspondent of Jefferson and Franklin, the rival and actual antecedent of Robert Fulton. His life was full of inventiveness and a true engineering spirit. It was his petition that framed the patent law of 1790, upon which our American Patent System is founded. He pioneered in experiments with propulsion by steam—constructing a steam boat which he ran on the Hudson River in 1798, making an application of steam to the screw propeller in 1804, designing a multi-tubular boiler, being granted in 1815, the first railroad charter to be granted in America, in 1826, at the age of seventy-six designing and constructing the first locomotive in America to run under steam on a track. In

order to condense Colonel John Stevens' valuable contributions to society we will quote Charles King, President of Columbia College in 1852. He said of our ancestor: "Born to affluence, his whole life was devoted to experiments, at his own cost, for the common good. He was a thoroughly excited and an unwearied experimenter in the application of steam to locomotion on the water and subsequently on the land. The thinker was ahead of the age."

Possibly the greatest of John Stevens' gifts to posterity were his sons Robert and Edwin. Still a third son, John C. Stevens, was himself the first commodore of the New York Yacht Club, and conductor of the expedition of the yacht *America* to England in 1851, where he and the *America* carried off the international yachting championship.

Of the two Stevens sons who were best known, Robert was the inventor, Edwin the business man who made things possible, who built foundations over so many of the Stevens dreams. It was through their efforts and hard work that we have Stevens today.

Robert Livingston Stevens perfected many inventions for the public use and good. He inherited his father's interest in railroads and designed so many parts of our modern trains that it would take a book to list them; it was Robert Stevens who designed the hook-headed railroad spikes and the famous "Stevens Rail" (the common T-rail) which every train in America runs on today. In 1830 the Stevens sons built the Camden and Amboy Railroad, the oldest branch of the present Pennsylvania Railroad System.

But though he had engineering ability, it fell to Edwin to manage the family properties. He rapidly became the man of affairs of the Stevens family. At the age of 25, by family agreement, Edwin was made trustee of his father's estate, including the part of the Stevens land on which now stands the city of Hoboken. In 1825, at the age of thirty, he became manager of the famed Union Line, the combination of steamboats and horse coaches which at the time carried nearly all the passengers and freight between New York and Philadelphia.

In 1830 a charter was granted for the Camden and Amboy Railroad, one of the earliest recorded railroads to operate in America. Robert was made President and Engineer, and Edwin, Treasurer and Manager; it was the fruition of their father's dream. Edwin Stevens' management of the Camden and Amboy Railroad was wise and lucrative. At his death in 1868 he left suitable land of the Stevens estate and \$650,000 to perpetuate the Stevens tradition in American engineering by the founding of Stevens Institute of Technology, the first college of Mechanical Engineering in the United States.

On the third Wednesday of September, 1871, the new college was opened to students. The student body consisted of two juniors, three sophomores, and sixteen freshmen.

From the start there was but one regular course of study, leading to the degree of Mechanical Engineer. It was determined, said the first catalog or Announcement, "to create a school of mechanical engineering . . . to involve a general and not a merely industrial training." The intention of the college was:

"1st. To afford a thorough training in the elementary and advanced branches of mathematics."

"2nd. To give a thoroughly practical course of instruction in physics."

"3rd. The subject of mechanical engineering, in reference to the theory and practice of construction of machines, will form . . . a distinct department."

"4th. The subject of mechanical drawing . . . will likewise form a separate department."

"5th. The subjects of chemistry and metallurgy will likewise be thoroughly taught . . ."

"6th. The French and German languages will be an essential part of the course . . ."

"7th. A department of belles-lettres . . . will furnish the means of acquiring that cultivation of literary taste and the facility of graceful use of language, both in speaking and writing, which is as desirable in the engineer and man of science as in the classical student."

The concept of a general engineering education set by the original plan just stated has been preserved, although in the last couple of years this institution has given more opportunity to the student as far as choosing technical electives.

The worth of Stevens Institute of Technology has always been its continuity of purpose. Unlike some institutions, which, in the manner of the streets of Boston, are more the result of accident than plan, Stevens has evolved from a single controlling idea of practical engineering for the public good. The manner in which this idea has grown and expanded can best be visualized by recounting the contributions of its four presidents.

Four phases of its curriculum stand out: engineering under Dr. Henry Morton, who served as president of the college from its inception in 1870 until 1902; engineering plus thorough business training under Dr. Alexander Crombie Humphreys, who guided the college from 1902 until two months before his own death in 1927; engineering plus economics plus a new emphasis on the engineer's role in his own human world under Dr. Harvey Nathaniel Davis from 1927 to 1950. Since 1951 the Institute has been under the leadership of Doctor Jess Harrison Davis, and under him we have seen the campus become one of the leading technical colleges in the nation. "Jess", as he is popularly called, is responsible for many revolutionary changes at the college such as the modernization of the landscape at the Point with more room for administrative offices, dormitories, and student activities. Under him we have also seen the change towards a more flexible curriculum with more choice of subjects. He changed Dr. Harvey Nathaniel Davis' belief that in the Stevens plan of education, specialization is to be undertaken "on the job" and in post-graduate study.

In the philosophy presented by our four presidents at Stevens the college aims to do more than train expert engineers for making a livelihood; it should train them to accept and fulfill their life responsibilities. From the beginning the administration of this college has stressed the human side of the engineer's preparation by including in the curriculum a wide range of elective courses in the humanities. The belief is that as the technical practice of engineering half a century ago developed men who became the foremost production managers in the world, production management today requires industrial administrators, men with vision beyond the plant, men with a true understanding of what is going on in every corner of the world, and the ability to play their full part in the challenging era of war, turmoil, and social reconstruction.

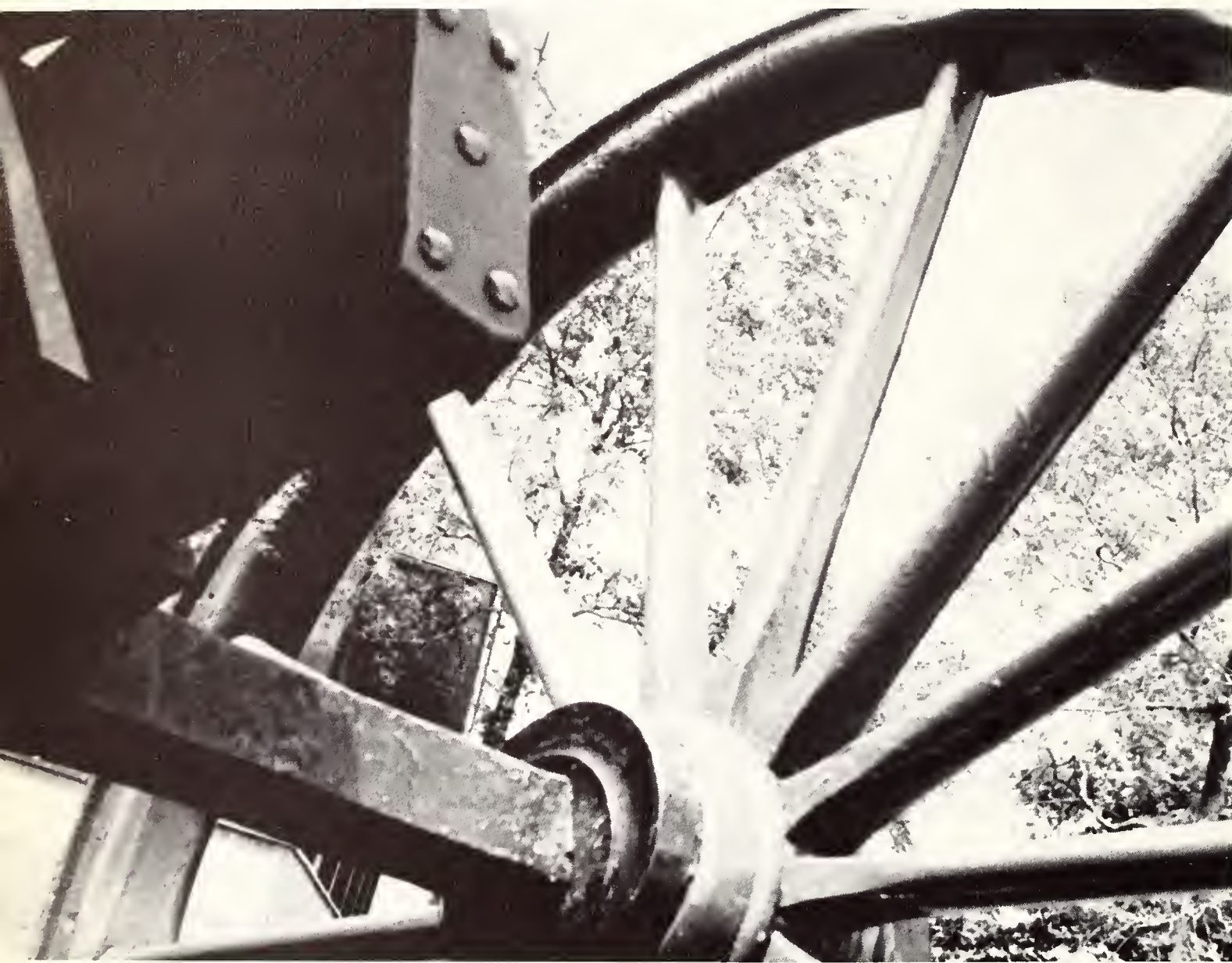
Thus in the midst of world-wide strife, the College begins its second one hundred years. With the vision of its founders, the wisdom of its guiding spirits, and the loyalty of its alumni, Stevens Institute of Technology faces the future with confidence, in the pride of a great tradition.

Stevens will have many new things as time goes on. But nothing will ever, in such history as Stevens may have, be built for the purpose of gloss. When Edwin A. Stevens left the original money which established Stevens Institute of Technology, he directed that it be built "of some substantial but economical material, as substantial and economical as tap rock . . ."

Stevens will always be built that way as long as it keeps pace with rapid changing times.



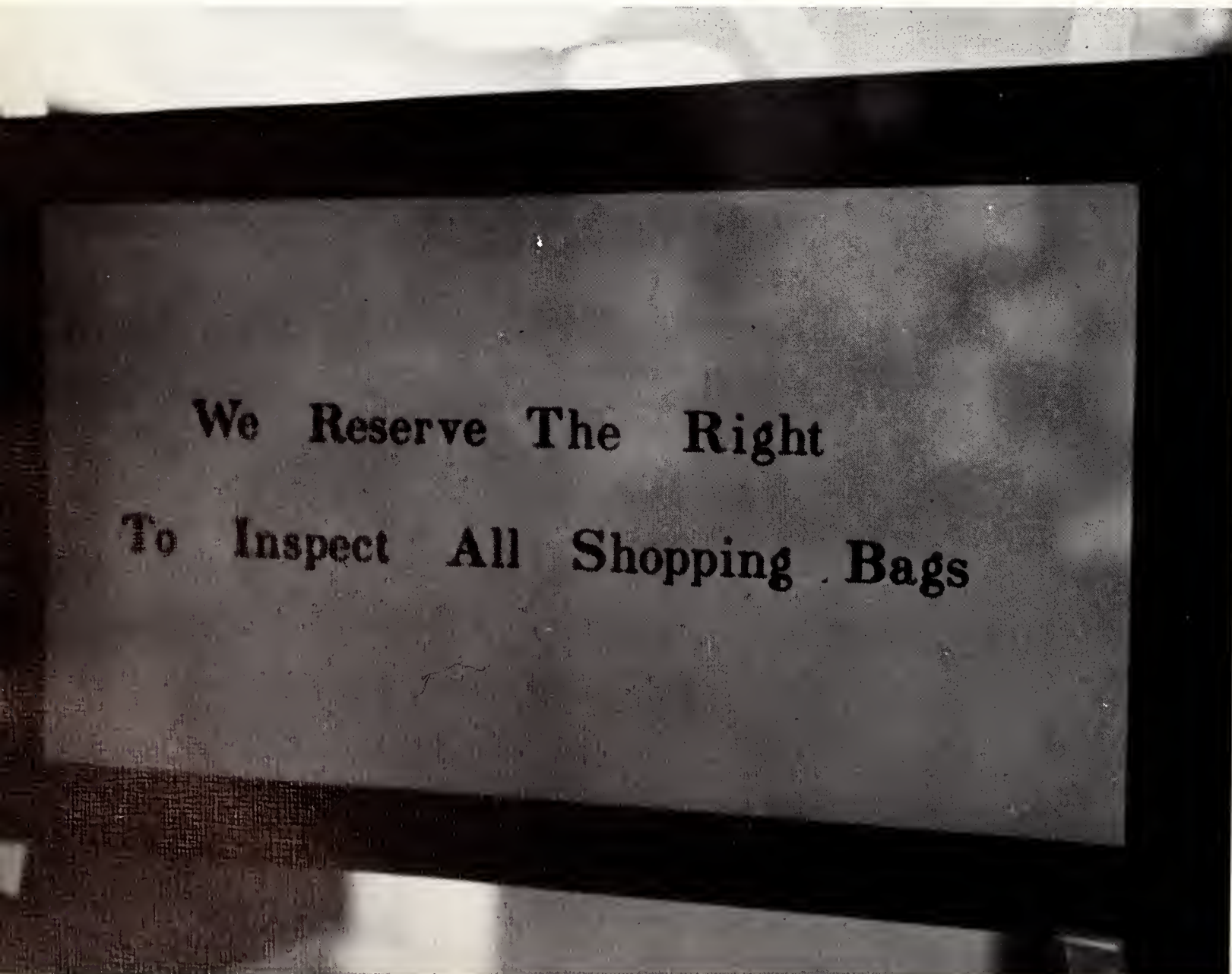
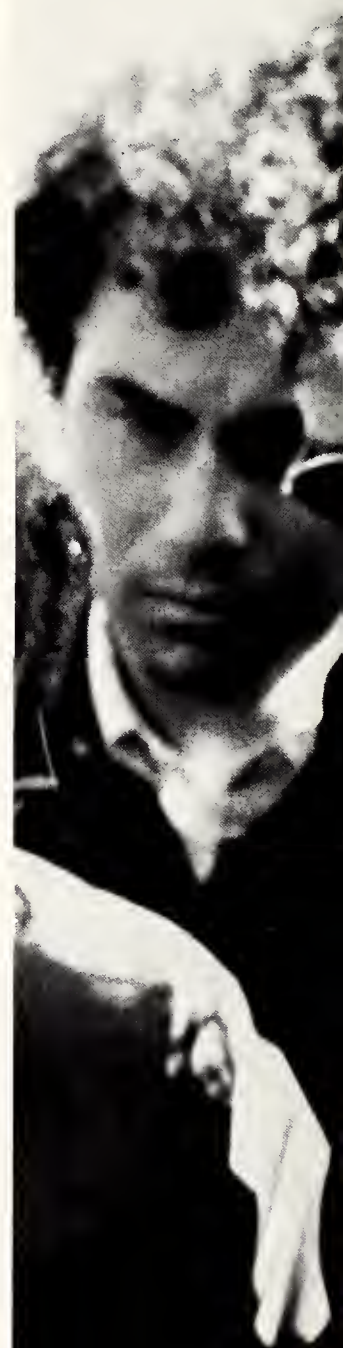






*After A Hundred Years
Nobody Knows The Place
Agony That Enacted
There, Motionless As
Peace*



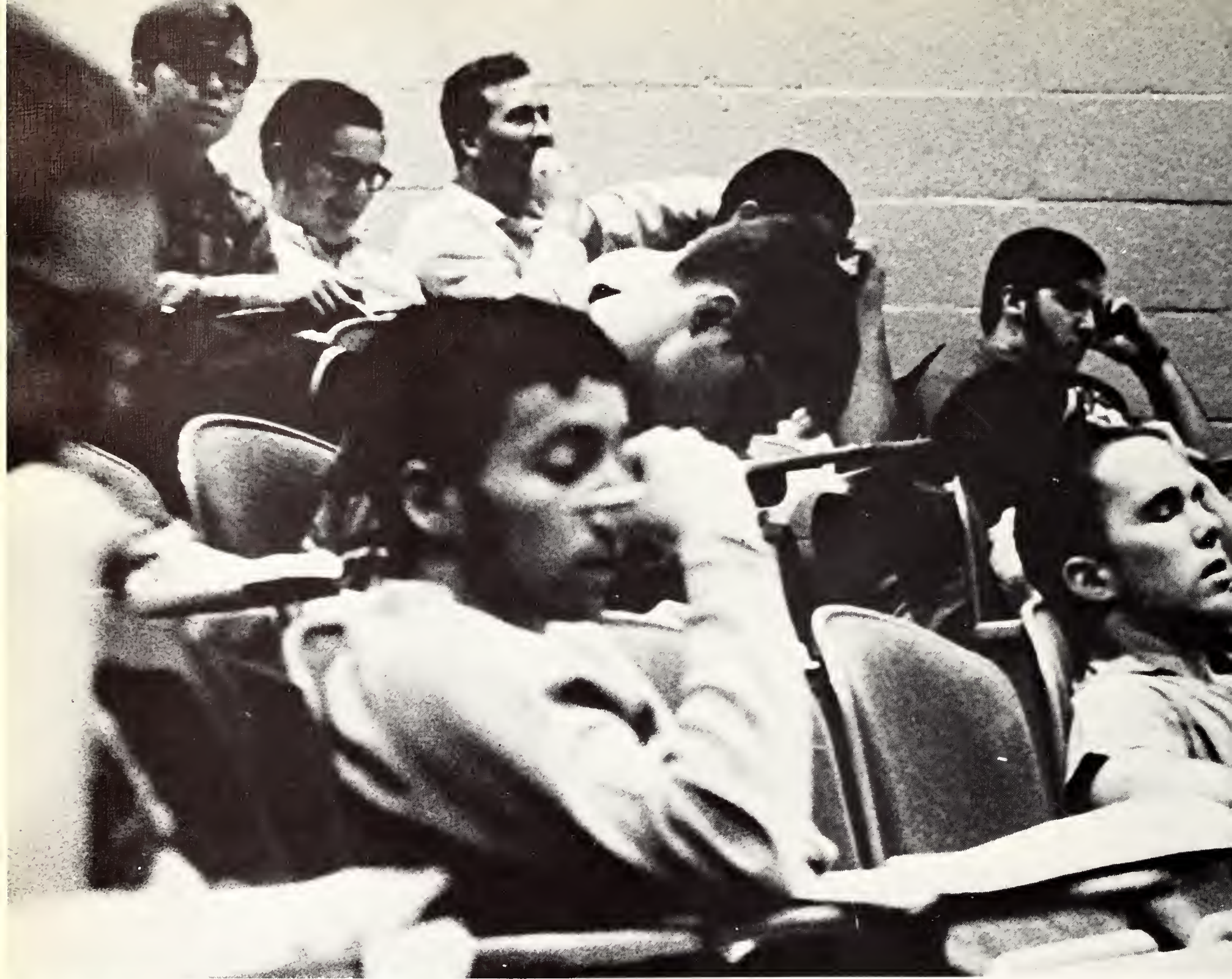


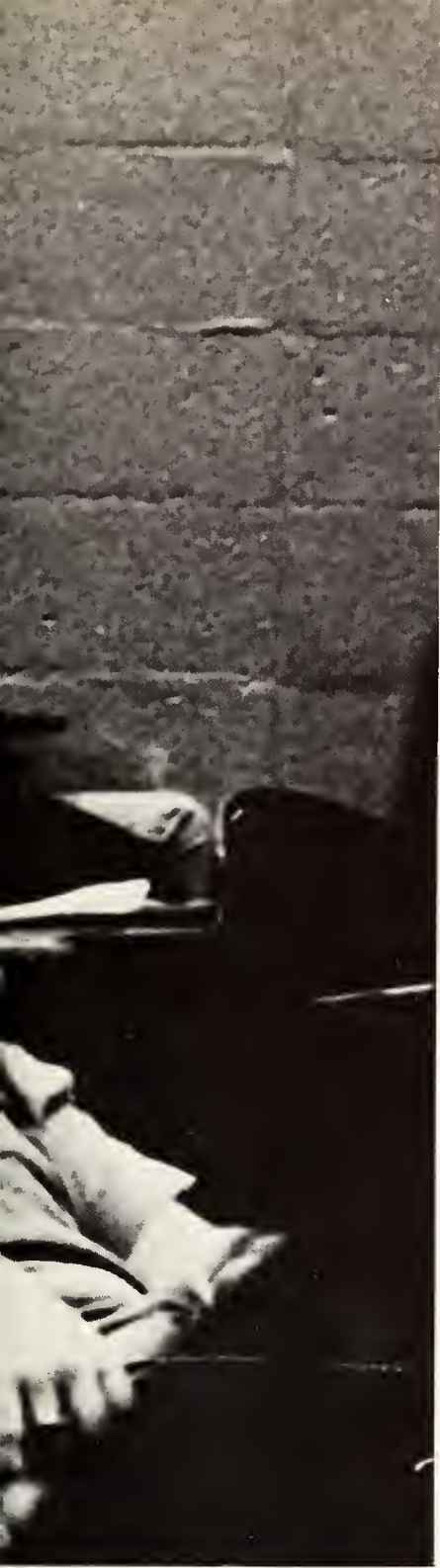






*Time Is Always Time
And Place Is Always
And Only Place . . .*





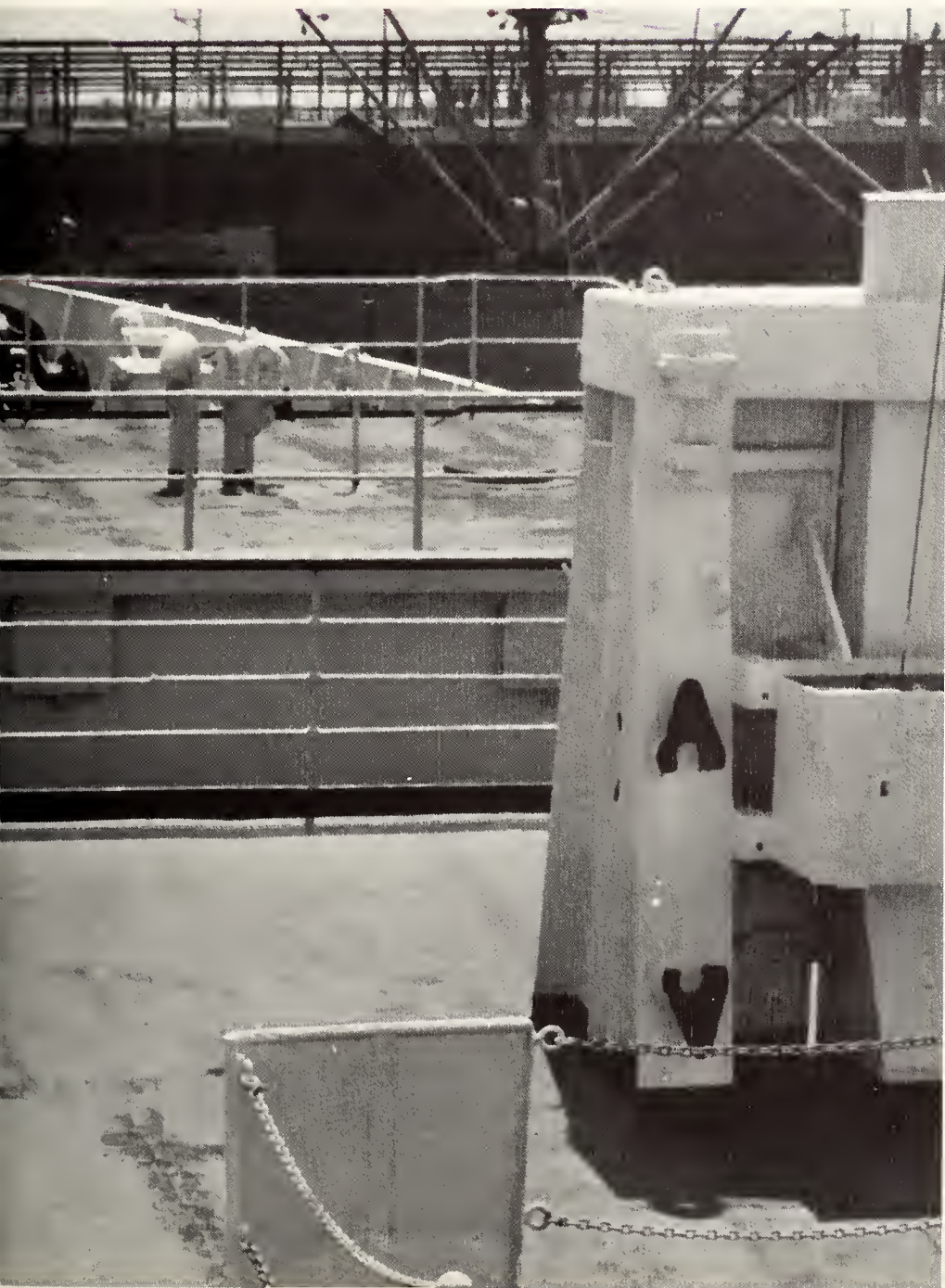
*I Tried
Maybe Not Hard Enough
But I Tried*











Stevens'

Second

Century

In September the 100th class to enter Stevens will mark the beginning of our next century. Predicting the exact course of the Institute during another hundred years would require a fairly accurate forecast of what life itself will be like during that time.

At our Centennial Convocation in 1967 some of the scientific and social leaders of our country failed to agree on a reasonable appraisal of the 21st Century. Their outlooks ranged from extreme optimism—"there will be a good life for all"—to extreme pessimism—"man will never make it to the year 2000."

One thing, however, is certain. The opportunities for man in the next hundred years will be greatly enhanced if an appreciable number of people are prepared to recognize and understand the world's really vital problems. Still more important, there must be enough people prepared to lead society into the solution of these problems. That is, or should be, the mission of all colleges and universities today. It is particularly the purpose of the education offered at Stevens.

Stevens tries to offer an education to make the graduate adaptable to an increasingly technological society, but with a background in the humanities to help him apply himself to the solution of people-related problems. Generations of Stevens alumni who have attained high positions in industry, government and education, and have also served their community and the world community, seem to attest to the efficacy of this type of education.

Our finest contribution to society would be the education of more men like these in the next hundred years. To fulfill this we will have to grow. We will have to change, to meet the changing requirements of society, and to improve—to continue to be the very best engineering and science college we can possibly be.

To achieve this new level of excellence is the true objective of our Centennial Fund. The future Stevens campus must be physically equipped for all the things we want to accomplish. The future faculty must continue to include the type of professors whom you recognize as great teachers. These must be men devoted to their profession, knowledgeable in their fields, articulate and concerned—people who place equal value on good teaching and good research.

The Centennial Fund is a step in this direction. It will help us build three new physical structures—a Chemistry and Chemical Engineering Building, a gymnasium and a Mechanical Engineering, Electrical Engineering and Metallurgy Building. It will provide us with endowed professorships in mathematics and chemistry-chemical engineering and with a general educational fund.

At the start of 1970, when this was written, we had passed the \$6.5 million mark, well on our way to our goal of \$15.5 million. I would be less than completely honest if I were to say I was not worried, because the remaining \$9 million is a lot of money for a relatively small college to raise—and we could really use more than this, because of the increasing costs of construction and per-

sonnel. However, I am very encouraged by the enthusiasm our plans have generated among our alumni, students, parents and friends. Everywhere people are interested in seeing us reach our goal, and I am hopeful that this goal will be achieved before another year passes.

We have completed the plans for our first Centennial building, the Chemistry and Chemical Engineering Building, to be constructed at Fifth and River Streets. The Buildings and Grounds Department, now on this site, will move to quarters on the waterfront property near the S. S. Stevens. The exact locations for the Gymnasium and the third new academic building have not been determined but they are part of a new master plan, in progress, which will also take into consideration improvements in traffic flow, convenience to students and campus landscaping.

Those of you who are graduating in 1970 have seen two new buildings open while you were at Stevens—the Married Student Apartments and the Samuel C. Williams Library. Hopefully, when you return to your next Alumni Day, you will see another building under construction and will hear of the definite plans for the second and third buildings which are proposed.

What of the nature of education at Stevens? Will it change very much during the next few years?

I see a number of possibilities. I think, for instance, that undergraduate education will become even more intense. More and more of what is now taught to graduate students will move down into the undergraduate level. Graduate education will become almost a necessity for engineering students as well as science students.

Stevens may join those engineering and science institutions which have admitted women undergraduates. Many young women are already choosing careers in science, but the engineering profession has not given wide encouragement to women. If it does, then Stevens is likely someday to become a co-ed campus.

I see a continuation of the sharing of campus responsibilities by students, a development which began during your stay at Stevens. Undergraduates will continue to have some influence on those matters which affect them, such as curricular decisions and the shape of campus life in the future.

I do not think the Institute will grow by great numbers. We are trying to build, not a bigger Stevens but an even better Stevens. Within five years our present undergraduate enrollment of 1,381 may rise to 1,600, with a more modest increase in our graduate studies program. Undoubtedly there will be more full-time graduate students on campus, with perhaps more Ph.D. candidates than at present.

Research will continue to be a major activity, but government supported research is declining because of recent actions in Washington. Some of this slack is being taken up by industry-supported research, and the government may soon restore some of its college and university programs. I think it will have to, if our country expects to solve some of its pressing problems in such areas as health, transportation, communications and environmental sciences.

Finances are always of prime concern to the Institute. Stevens, like all private colleges and universities, has been caught in the squeeze of inflation. Rising costs tend to outrun available income, and there is a limit to which we can expect students to pay for this increase through tuition and other fees.

Our endowment income is increasing but unfortunately not at the same rate as our expenses. Contributions from



industry, foundations and other friends will continue to be sought as a supplement to the gifts of our loyal alumni. The extent to which the government enters the picture may depend entirely on how well the private sector comes to the aid of higher education.

Engineering and science education will be affected increasingly by the accelerated pace of scientific discovery. One of the most challenging prospects for engineers is the swiftly decreasing time lag between scientific discoveries and their application.

One of the major trends in engineering and science education, already being felt at Stevens, is the renewed emphasis on the social responsibilities of the engineer and the scientist. It is no longer possible for a team of engineers to build a new highway or jetport or dam, or even to construct a new plant, without considering the effects on the surrounding countryside, traffic patterns, noise levels, the watershed, purity of the air and, most of all, the lives of the people who live nearby.

If an engineer did forget these factors, he would soon be reminded of them by an individual citizen, or, more likely, an entire association of highly vocal citizens. The engineer must now be as concerned with the social effects of his acts as with their economic and technological aspects.

Engineering colleges must, therefore, put more stress

on the importance of social acceptance of engineering plans. The student engineer must learn how to select new projects and modifications of existing projects which are favored by the largest number of people and which contribute generally to the welfare of the community and of society.

So, at the age of 100, we look back with pride on a century of contributions to engineering and science, and to America. But we do not linger too long on our memories. We look instead to a future where "progress" no longer has the same meaning, where the spirit of man must take the highest priority, and where Stevens can serve best by directing man's energies and talents to the solution of the world's major problems.

For several years we have been saying in the Stevens catalogue: "The quality, as well as the extent, of the training we give to the generation now in the schools will determine, not only the shape of the world we are to live in, but perhaps our very survival."

This was never more appropriate than in 1970. It will remain so throughout our second century.

— JESS H. DAVIS





A
YEAR
AT
TECH



HERE MEN FROM THE PLANET EARTH
FIRST SET FOOT UPON THE MOON
JULY 1969, A. D.

WE CAME IN PEACE FOR ALL MANKIND

NEIL A. ARMSTRONG
ASTRONAUT

MICHAEL COLLINS
ASTRONAUT

EDWIN E. ALDRIN, JR.
ASTRONAUT

RICHARD NIXON
PRESIDENT, UNITED STATES OF AMERICA



PER ASPERA AD ASTRA

In Our Final Year At Tech, Our Motto Became Reality



CLASS OF 1973





ORIENTATION of the CLASS OF '70



STEVENS INSTITUTE
OF TECHNOLOGY

September 18, 1966
through
September 21, 1966

Sunday, September 18, 1966

Time	Section	Location	Event
4:00 - 6:30 P.M.	All	Stevens Center Cafeteria	Dinner
7:00 - 7:45	All	Stevens Center Seminar Room	Welcome
7:45 - 8:00	All	Stevens Center Seminar Room	Khoda
8:00 - 9:00	All	Stevens Center Seminar Room	Residence Halls
9:00	All	Stevens Center Seminar Room	A.F.R.O.T.C.

Monday, September 19, 1966

8:00 - 9:00 A.M.	All	Stevens Center Seminar Room	Honor Board Presenta
9:00 - 10:00	1a	Stevens Center Bowling Alleys	Photographs
	2	Administration Room 204	A.F.R.O.T.C.
	3	Library	Library Tour
	4	Stevens Center Fourth Floor	Music Orientation
	5,6,7,8	Stevens Center Seminar Room	Enrollment



FRESHMAN
GAMES









CONVOCATION







FALL
1969







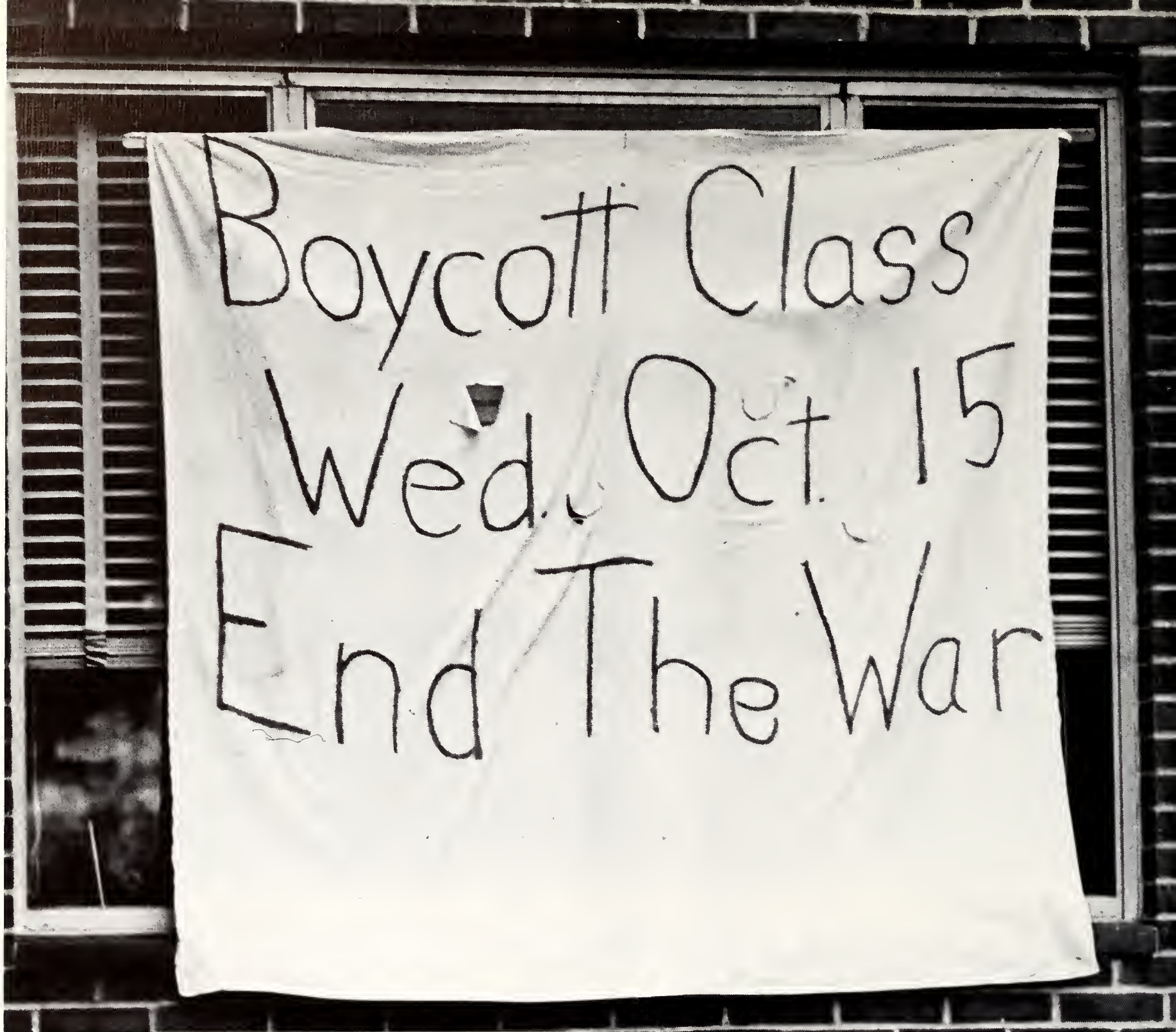




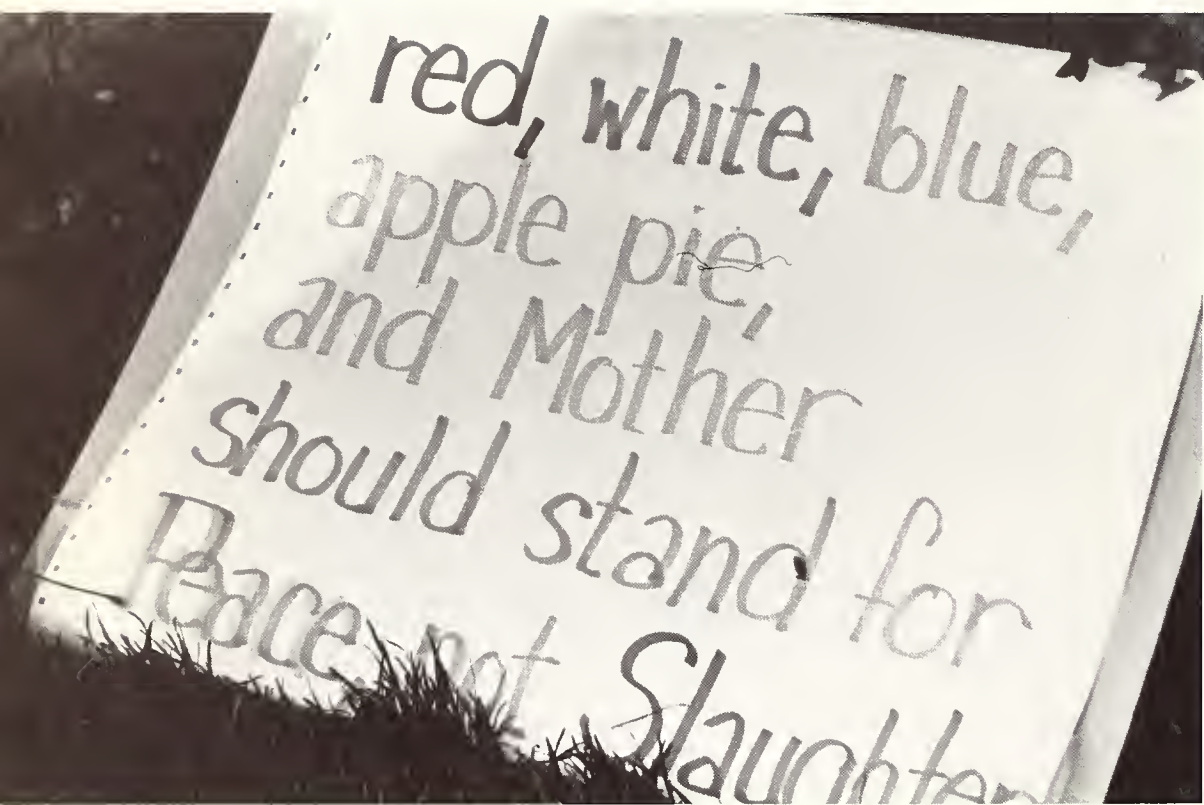












LOCK UP YOUR DAUGHTER
LENN FORD GEORGE HAMM
A TIME FOR KILLING



PARENTS DAY

OCTOBER 18, 69

9:30-11:30 REGISTRATION, STEVENS CNTR LOBBY.

9:30-11:00 COFFEE, STEVENS CNTR LOUNGES.

10:00-12:00 OPEN DORMITORIES.

10:15-11:00 LECTURE, *"DRUGS AND THE COLLEGE STUDENT"* BY DR. SILVIO LACDETTI
DEPARTMENT OF THE HUMANITIES.

11:00-12:00 TOUR OF THE S.S. STEVENS (SHUTTLE
BUSSES FROM STEVENS CNTR
TOUR OF SAMUEL C. WILLIAMS LIBRARY
(LIBRARY ALSO OPEN ALL DAY).

11:30-1:15 LUNCHEON, PIERCE ROOM, SECOND FLOOR
STEVENS CNTR.

1:15-2:15 ADDRESS BY PRESIDENT J. H. DAVIS AND
PARENTS ASSOCIATION BUSINESS
MEETING, SEMINAR ROOM, FOURTH FL.
STEVENS CNTR.

2:30-3:30 OPEN LABORATORIES.

3:00-4:30 SOCCER STEVENS FRESHMEN vs BLAIR ACDMY.

3:30-4:30 OPEN HOUSE AT FRATERNITIES.

4:30-5:30 FACULTY RECEPTION FOR PARENTS AND
STUDENTS, PIERCE ROOM SECOND FL.
STEVENS CNTR.

ALL DAY DOCKSIDE INSPECTION OF "AMERICA" REPLICA
OF THE FIRST AMERICAS CUP YACHT,
RIVERSIDE PARKING AREA.



COLLEGE-COMMUNITY RELATIONS

an interview with Dr. Laccetti, Professor of the Humanities

The Link: Suppose there exists a small college (be it liberal arts, engineering, medical, etc.) situated in a densely populated urban area, near other colleges and close to a great center of social, financial, industrial and cultural activity. Should some sort of relationship exist between the college and the environment, or should both maintain separate entities, isolated as far as possible socially, culturally, and possibly financially? Why or why not?

Dr. Laccetti: Of course, that is a very complex question.

Perhaps we can begin by looking at some of its component parts and by stressing some of the obvious circumstantial topics involved. I think it is impossible for any institution, whether it be of higher learning or whatever, to exist totally isolated from its environment. I don't think even a monastery can do that under the conditions you've given. We might think of, for example, the various economic relationships that exist between a small college and its urban environment—the moneys that go into local business and the various services that local people perform for the students and for the faculty. And secondly, of course, the fact that a college does occupy space in the urban scene, which is a critical factor. So, that, certainly, relations do exist. I think we want to get into some of the specific kinds of relationships that could or could not exist between the college and the community, such as social and cultural relationships, and I think quite definitely there has to be interaction here also. It is perhaps impractical, as well as impossible, for students to live a whole life and not interact with the environment in some meaningful and educational way. So that I would say as a general answer to the question: certainly relationships beyond the primary relationships of survival and provisioning do exist and should exist between a small college and the urban environment.

The Link: If a relationship of some sort should exist, should it be an equilibrium situation, or should one of the members (either college or environment) give or take more than the other?

Dr. Laccetti: Again, to be general here is difficult, because every college does have its own particular situation which governs relationships with its environ-

ment. I would tend to say generally from my own observation of things that the college tends to get more from the environment, especially in the highly urbanized areas with their manifold problems, particularly the problem of space. Most institutes these days seek expansion. They can only do this at the price of expansion into the neighborhood populated by local residents, and, as you've seen, some of the confrontations can be ugly affairs, as at Columbia. But we have neglected, of course, the fact that these very institutions are taking up people from the surrounding areas. I think that if

you look at the enrollment figures of colleges in urban areas, you'll find that a substantial percentage comes from that same urban area. I would venture to say that most colleges, even those not in urban areas, tend to serve the area in which they are located. A one hundred mile radius of Stevens, for example, pretty much includes the homes of the overwhelming bulk of those who attend the school. I think the same would be true of almost every state school, that they serve the immediate geographical region. Perhaps in the Ivy Leagues you'll find that there is still a geographical quota system, but even this tends to break down. The pressure by the urban en-

vironment upon those schools situated in it results, today, in the new phenomenon of the selected open admissions policy where, for example, Rutgers in Newark, New Brunswick, and Camden, will open its doors to the students from the underprivileged areas. I think the balance is beginning to shift somewhat, but we're a long way in equalizing it. I'm not sure that a total equilibrium that way is really desirable.

The Link: Ideally, what type of interaction should take place between the two elements if the relationship be equilibrant or non-equilibrant, as decided in the previous question?

Dr. Laccetti: Well, when we speak in terms of ideals, I think it's easy to answer. The problem becomes to spell out the program into a comprehensive plan that can work. For example, if there are many institutions in an urban area and many of them small, there would seem ideally to be a need for some kind of consortium arrangement, a grouping together of facilities with the possibility of quick exchange of special areas, special resources, special collections of libraries, and special



expertise. Such things are coming our way; with regard to libraries, there is considerable headway being made. In Washington, for example, the major universities there have developed a consortium arrangement whereby they, in specific instances, share not only facilities but also students and courses amongst the various institutions involved. So that is one of the ideal ways in which there can be an interaction between neighboring small colleges to benefit the institutions perhaps more than the urban center itself. Now on getting to the point, I suppose there is really much more an issue these days about what a college can do and how it should interact with its environment while pursuing goals which are different from the ones pursued by those both living in and responsible for the direction of the environment. I think we can look at this in terms of some of the cultural contributions that can be made by the institution of higher learning. One consideration would be to initiate some activities on college campuses which would draw in some of the surrounding community; not to have them there en masse, of course—you couldn't handle them. The problem of facilities, which is really one of the central problems of the urban glut, is also a problem of the institution of higher learning. You just can't open up the place to the townspeople, but certain programs and outreaches into the community to bring them on campus for specific events or specific functions can and certainly should be initiated. If we are talking about an urban area, as I mentioned earlier, the chances are we're talking about sections of the population which are underprivileged and deprived educationally. So, in that regard, I think the college can play a role with both its faculty, by having programs on campus for some of the underprivileged, as well as its students, by sending them off the campus and into the community schools to run special tutorial programs. Along with this we might say socially and politically an institution of higher learning possesses a group of people, a faculty, trained in specific problems. In urban areas, planners certainly need assistance. Where expert competence is not readily available, the institutions of higher learning can provide valuable assistance and aid in all urban situations, especially in view of the fact that federal assistance now requires comprehensive plans and well thought-out procedures. In this connection, I think there is a paramount role and need for the humanist who is familiar with the heritage of western man and what it stands for and what priorities have been placed upon human value, human soul, human freedom. He must recondition the environment to the essential points, and not neglect them for the sake of more specialized expert knowledge which can only be applied in given situations or can only be extended through a small range of human activities. Perhaps my complaint here is not so much related to what the faculty can do but what kinds of faculty want to participate in these things. I think we are all fed up with experts who, with quantitative formulas and briefcases full of statistics and facts, usually come up with a fine understanding of a problem except in its human terms. I think this is what we've got to get back to and so I look for an expanded role of the people in humanities faculties, particularly coming from liberal arts colleges, to get into activities and to lend their valuable contribution to the overall effort towards rebuilding.

The Link: Now with regard to Stevens, does or should the Stevens relationship have any exclusive properties differing it from the relationships just described?

Dr. Laccetti: Well, in general, no. I did indicate at the outset that every school will be affected by the environmental situation in which it is found; there are certain constraints which, I think, make Stevens a little bit different from other schools. As you know, Stevens' curriculum demands a great deal of time from its students. This in a very real way limits the ability and, perhaps, desire to involve oneself in extra curricular activities which go beyond the campus and into the community. Many engineers and many of the 2.0 students here simply can't find the time to get out and do something else, although I think they might benefit from this, not only in other ways, but also in relieving some of the tension. It's very difficult to convince a 2.0 student that there's more to his existence than simply plugging away and meeting crises or examinations and the various schedules which are part of life here. So, given that factor, of course, the engineer or even the science student here doesn't have the time that the liberal arts student does and should not be expected, perhaps, to make as large a contribution as the liberal arts student can, but his contribution can be significant in other ways. There's a vital need for many young students who, although not fully trained engineers, can work in programs which are vital in terms of environmental control, in terms of transport and communication. These are the areas where the engineering student is at a premium although he may not be able to devote all of the time of the liberal arts student who works, let's say in a storefront and answers the telephone and gives advice to people in distress. The fewer hours that he does have may be more productively employed in advising and in actually helping certain of the projects that would be going on regarding pollution, vehicular congestion, or planning new transport and communications facilities. In many regards, the young engineer or the pre-engineer after two or three years at Stevens would find that he has accumulated a body of knowledge which has a bearing on the environmental situation.



Gone now are the fireflies
... the trees low bending
with the weight of winter snow
... I listen for the sound
of winter past





2

I-F-C
WINTER CARNIVAL
PIERCE ROOM







STEVENS

NIGHT







After returning from the rest and relaxation of the Christmas holidays, the Techman once again returns to the Point, realizing that not only are all the labs he put off during the term due within two weeks, but he has several quizzes to contend with and finals are just over the horizon.





PLACEMENT 1970









Placement at Tech is the first time a student begins to feel that the end is near, that all the labors and aspirations of the preceding seven terms have been worthwhile.

The interviews begin during intersession and continue for several weeks. During this period your classmates emerge almost unrecognizable as they don neatly pressed suits, shined shoes, and Ivy League haircuts.

Soon begins the daily stampede to the Post Office to see what news the day's mail might bring. Trip, offer, or flush? These questions revolve in the senior's brain as the memories of his sixteen odd years of schooling fade and his future unfolds before him.

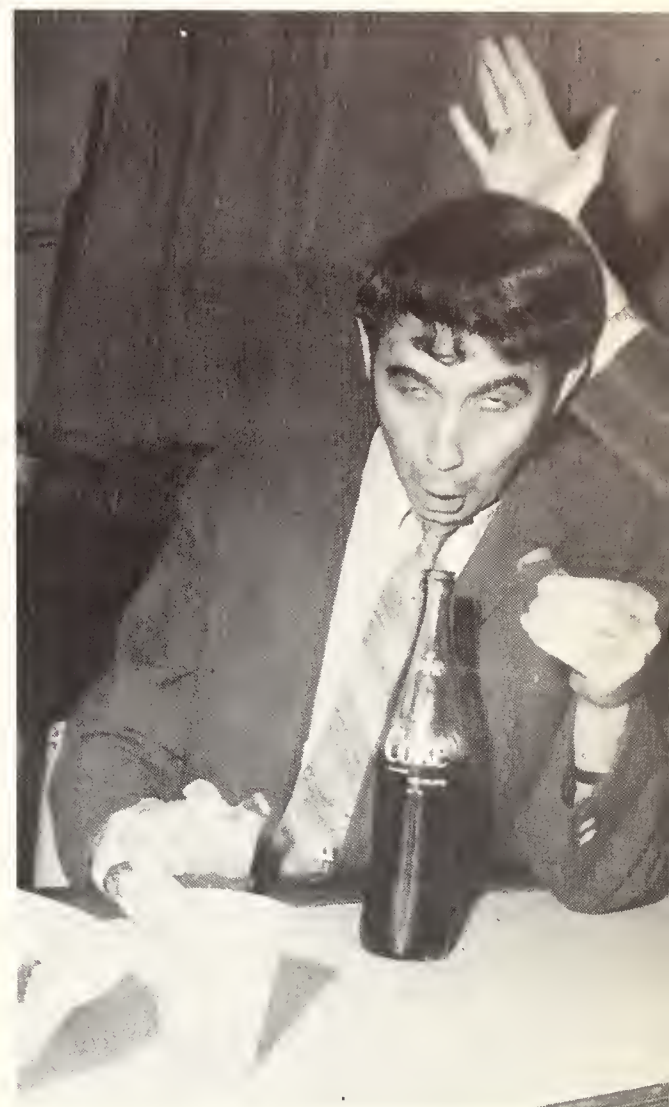




RUSHING
DRAWS TO
A WELCOME
CLOSE

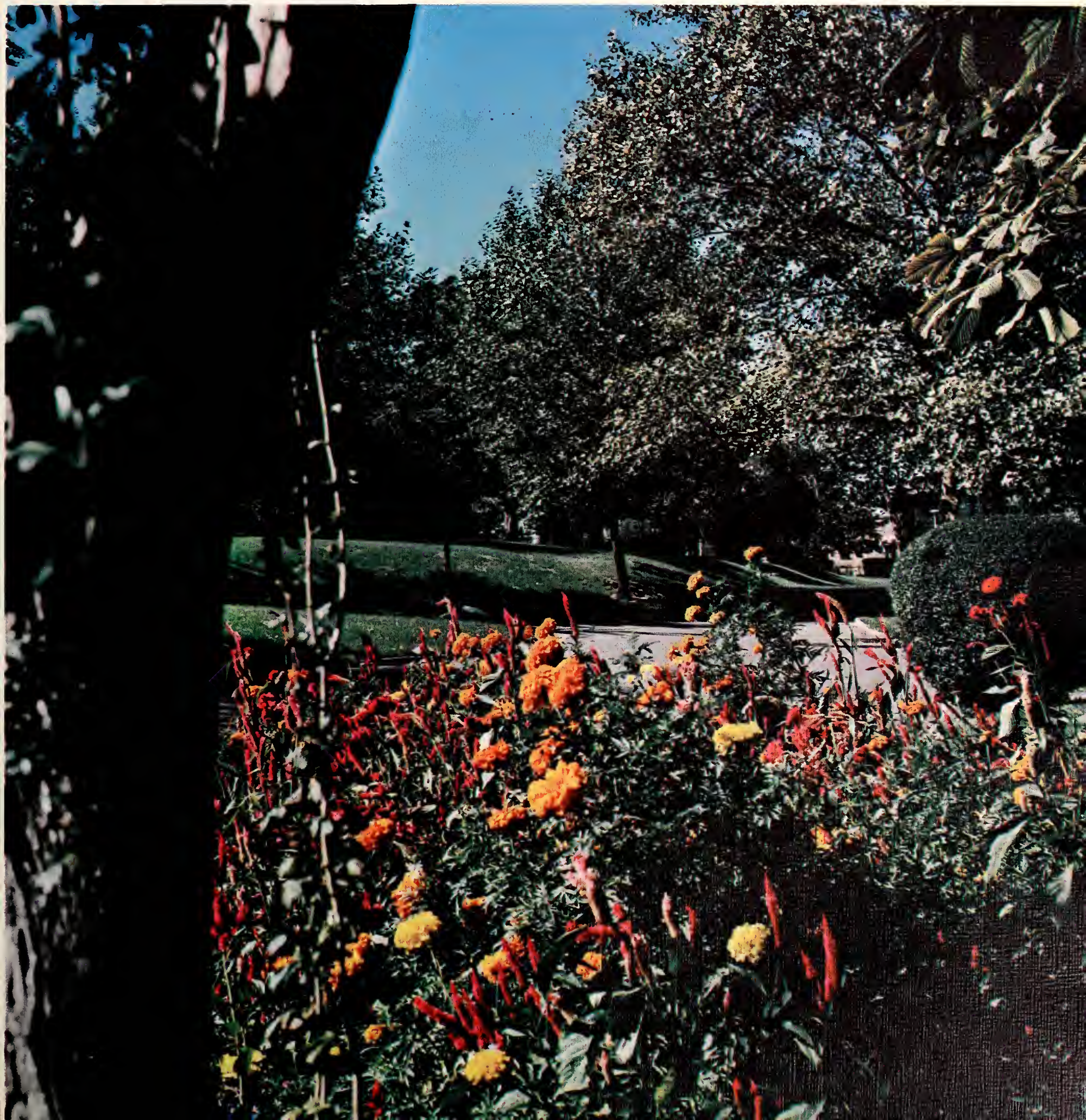
BEER
WEEK







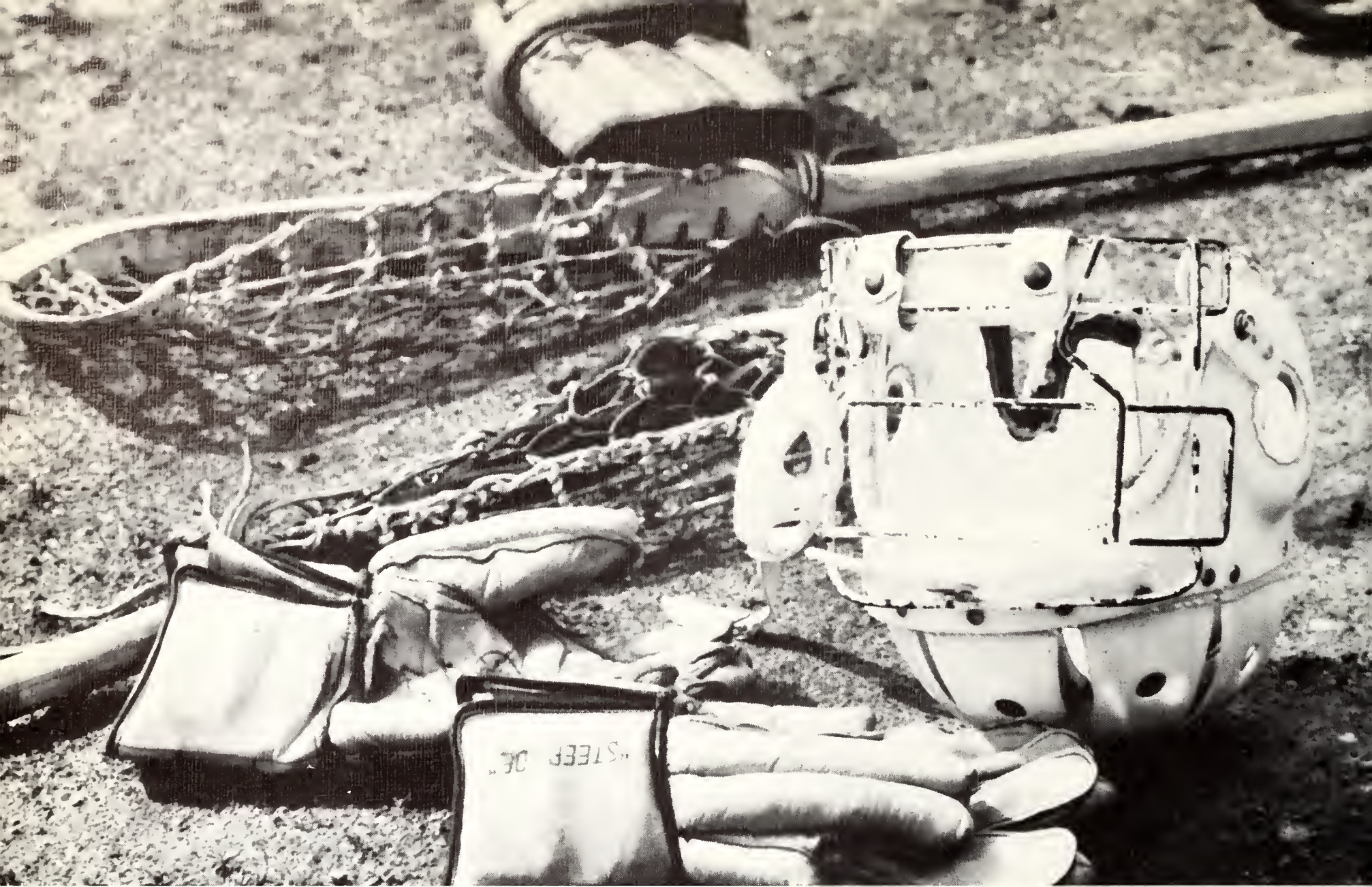
SPRING 1970



Spring comes to Castle Point. What is it about spring that makes Stutemen want to cut classes and snatch a few rays or spend an afternoon on the tennis courts followed by a quick stop at the "Box" to cool off? Is it spring fever? If it is, then spring fever strikes hardest the last week in May.

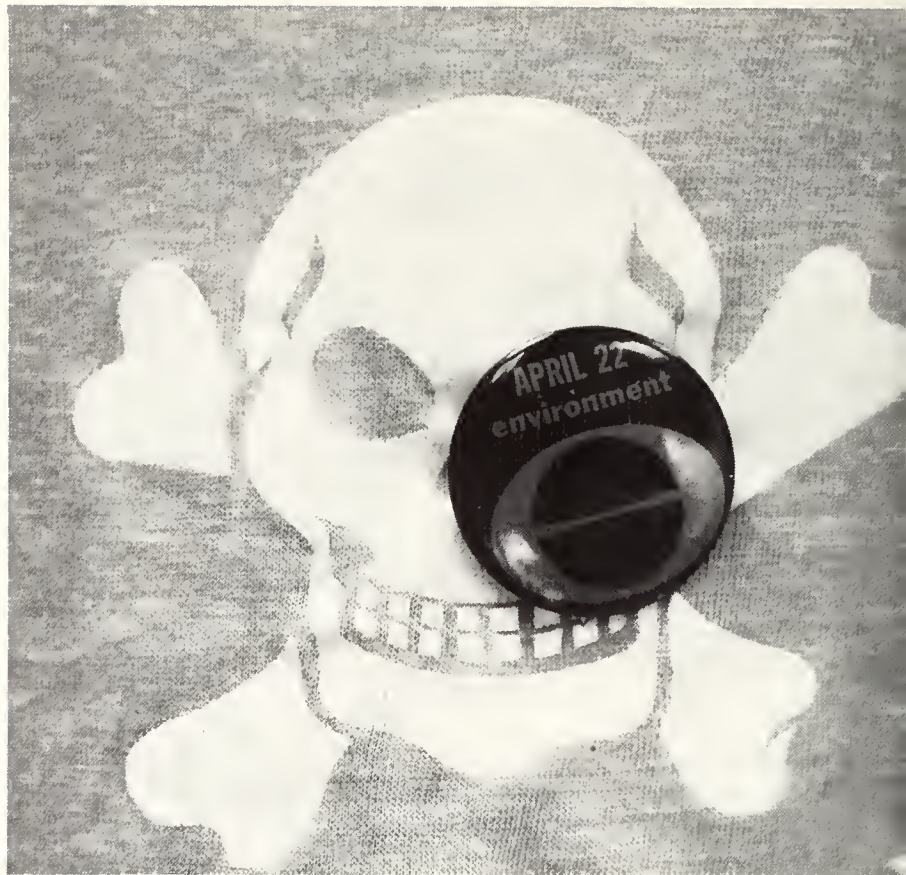








EARTH DAY





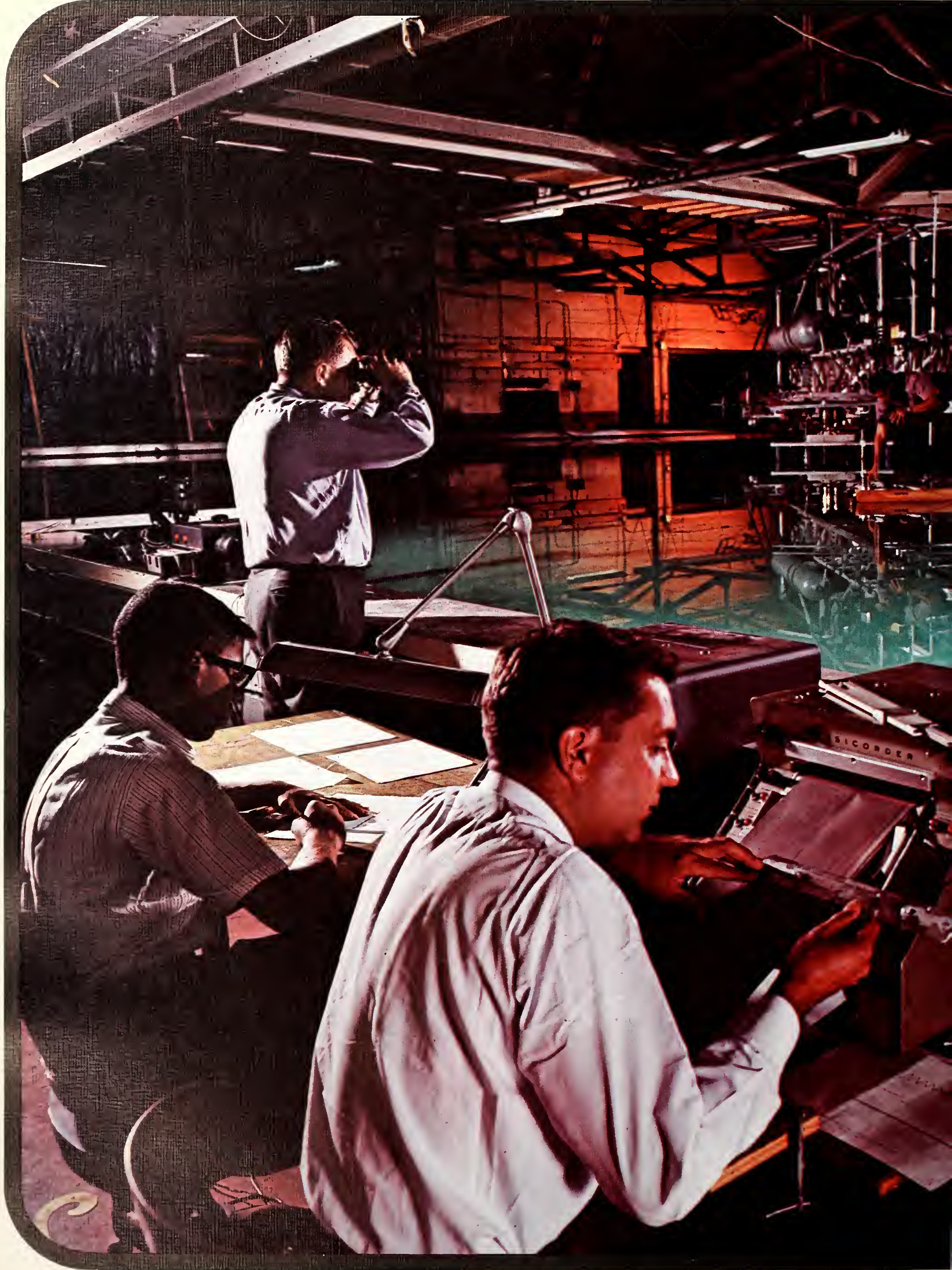
SPRING SPORTS













RESEARCH AT STEVENS

CHEMISTRY AND CHEMICAL



In the Department of Chemistry and Chemical Engineering research is conducted on molecules related to life processes. Organic chemists are busy synthesizing penicillin derivatives, proteins, steroids and medicinal compounds in the hope of enhancing their biological activity. With the aid of the ultracentrifuge, light-scattering equipment and other sophisticated instruments research workers at Stevens have been probing into the basic composition and nature of biopolymers, such as heparin, a blood anti-clotting agent, with the aim of improving its anticoagulant properties. One central theme in the department is the characterization of three-dimensional structures of complex molecules through the application of instrumental methods such as nuclear magnetic resonance, mass spectrometry, x-ray crystallography, optical rotary dispersion, dipole moments and so forth. This requires the cooperative efforts of an excellent team of physical, instrumental, analytical, polymer and organic chemists.

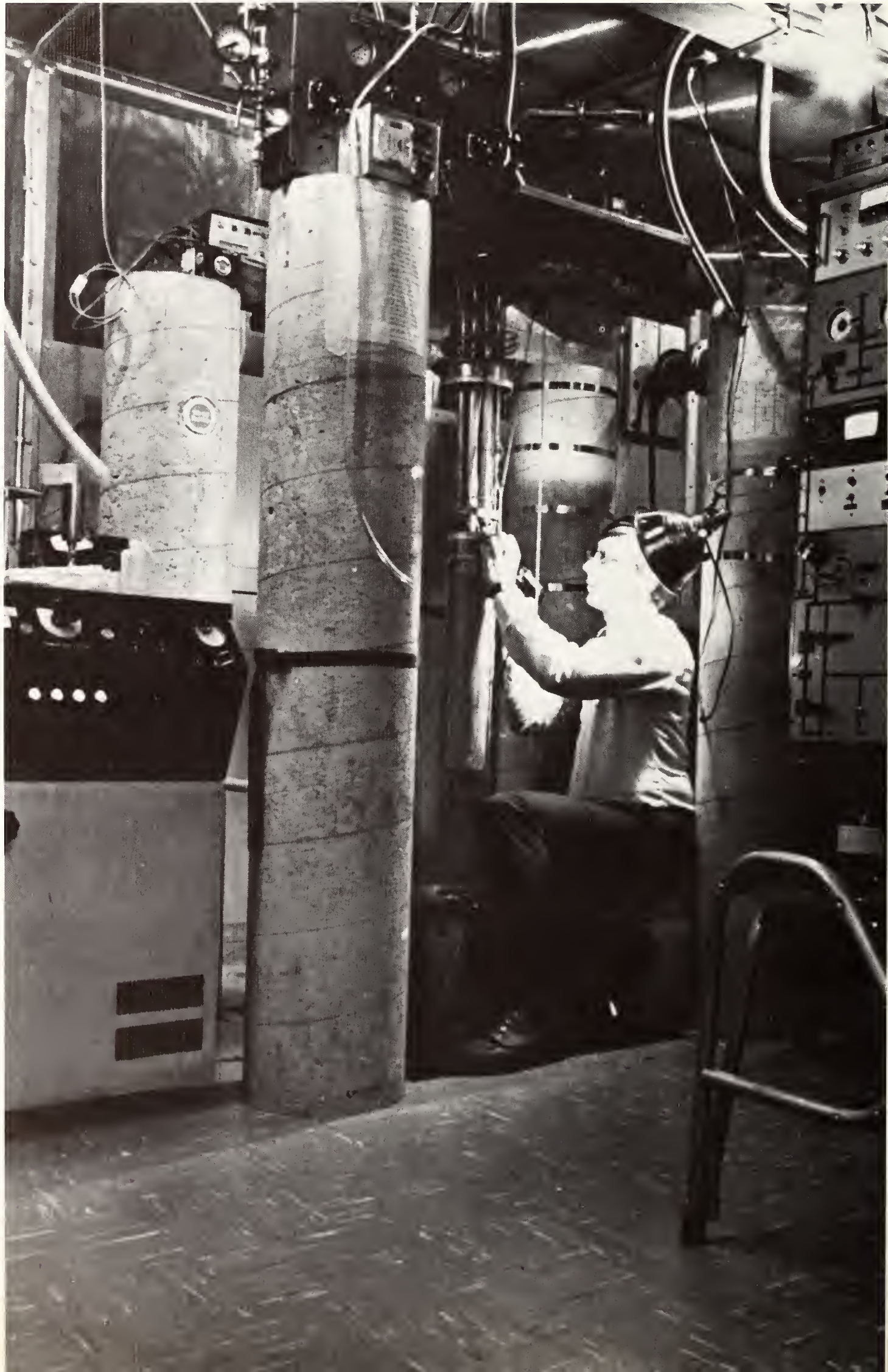
Project Themis is a major effort directed towards the study of the physical properties of polymers. This research delves into the behavior of polymeric materials used in the fabrication of plastic parts. The work involves the creation of adhesive joints in the highest possible strength and integrity, and the study of the deformation of solid polymers by mechanical stress. The Themis research group is interdisciplinary in character, consisting of physicists, polymer, physical and organic chemists as well as chemical and mechanical engineers.

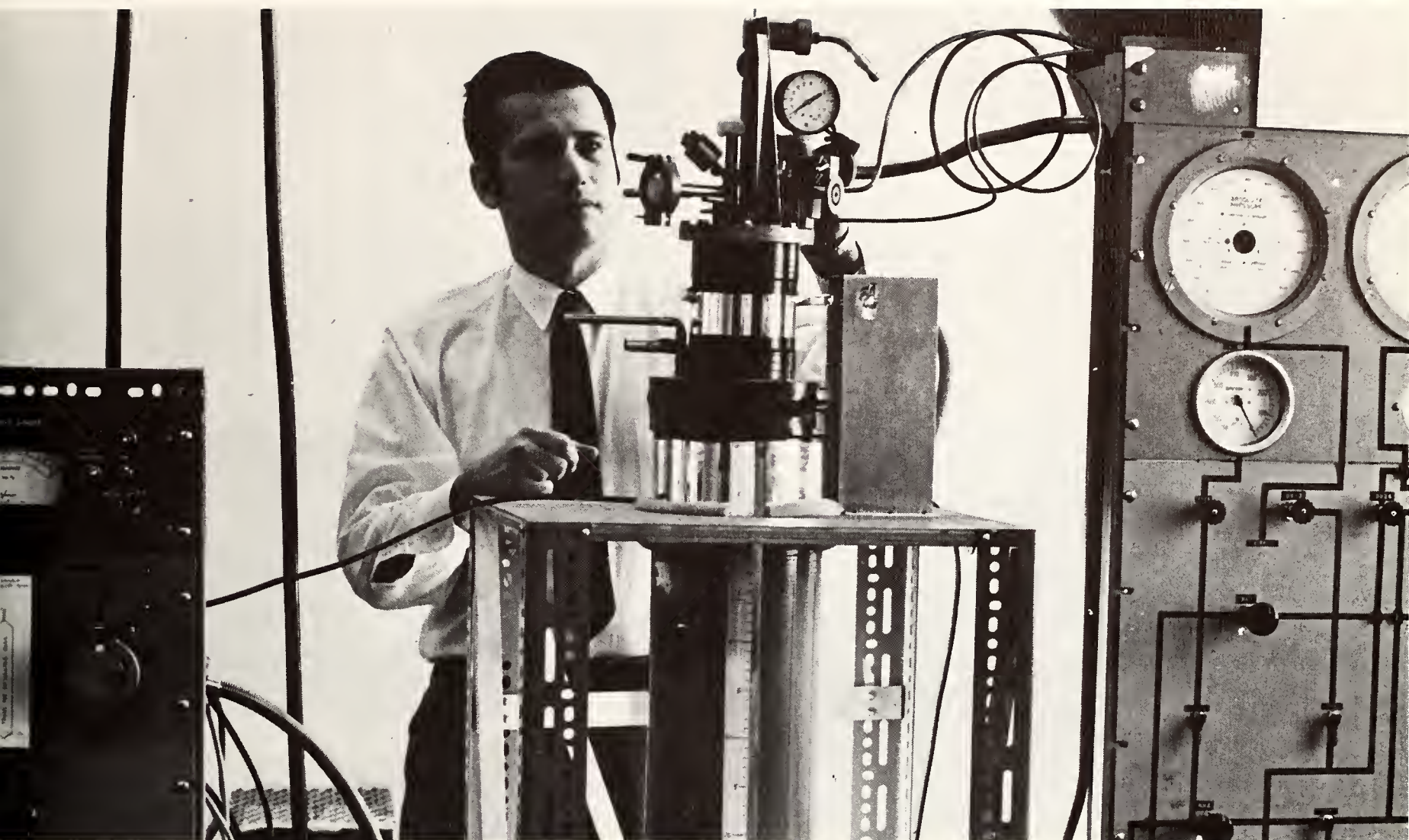
A diversity of other more specialized, basic research projects are also being conducted by various members of the department. For example, a research group is investigating the fundamental nature of solutions and the hydration of ions in water by spectroscopic techniques. One group of chemical engineers is studying chemical reactions in electric discharge plasmas, while another is investigating interfacial mass transfer rates in gas-liquid systems. Others are involved in radiation chemistry, biology, conductivity of flames and many other interesting areas of chemical science. The department has a wide variety of research areas offering a wide selection to research-minded students.

ENGINEERING



CRYOGENICS





The Cryogenics Center is an interdisciplinary center for graduate research for students working for M.S. and Ph.D. degrees on theses involving experimental work at very low temperatures. It also encourages seniors to use its research facilities for senior theses.

The Center is located in its own building on 6th Street, and it has seven laboratories in current operation, a research workshop and an instrument making shop. It has both full time and participating professors from many departments carrying out low temperature research, including: Prof. John G. Daunt (Physics), Prof. S. F. Borg (ME), Prof. Paul Chirlian (EE), Prof. E. Lerner (Physics), Prof. H. Meissner (Physics), Prof. F. Pollock (Physics), Prof. J. Potter (ME). Also working full time are Dr. M. F. Panczyk, Dr. C. Z. Rosen and Dr. R. A. Scribner who are Research Associates and the Center has a full supporting staff.

Experimental studies are made at temperatures very near to absolute zero of temperature (-459°F), maintained by the use of liquid helium. It is found that the reduction of temperature slows down atomic motions so much that many materials show properties unknown at ordinary temperatures. Amongst these the most outstanding are the phenomena of superconductivity in metals and superfluidity in liquid helium. In the former, metals pass electric currents without any resistance and in the latter, liquid helium flows without friction. Basic research on these effects continues to be of vital importance to our growing understanding of them and many important engineering devices dependent on the effects are being developed at Stevens and elsewhere.

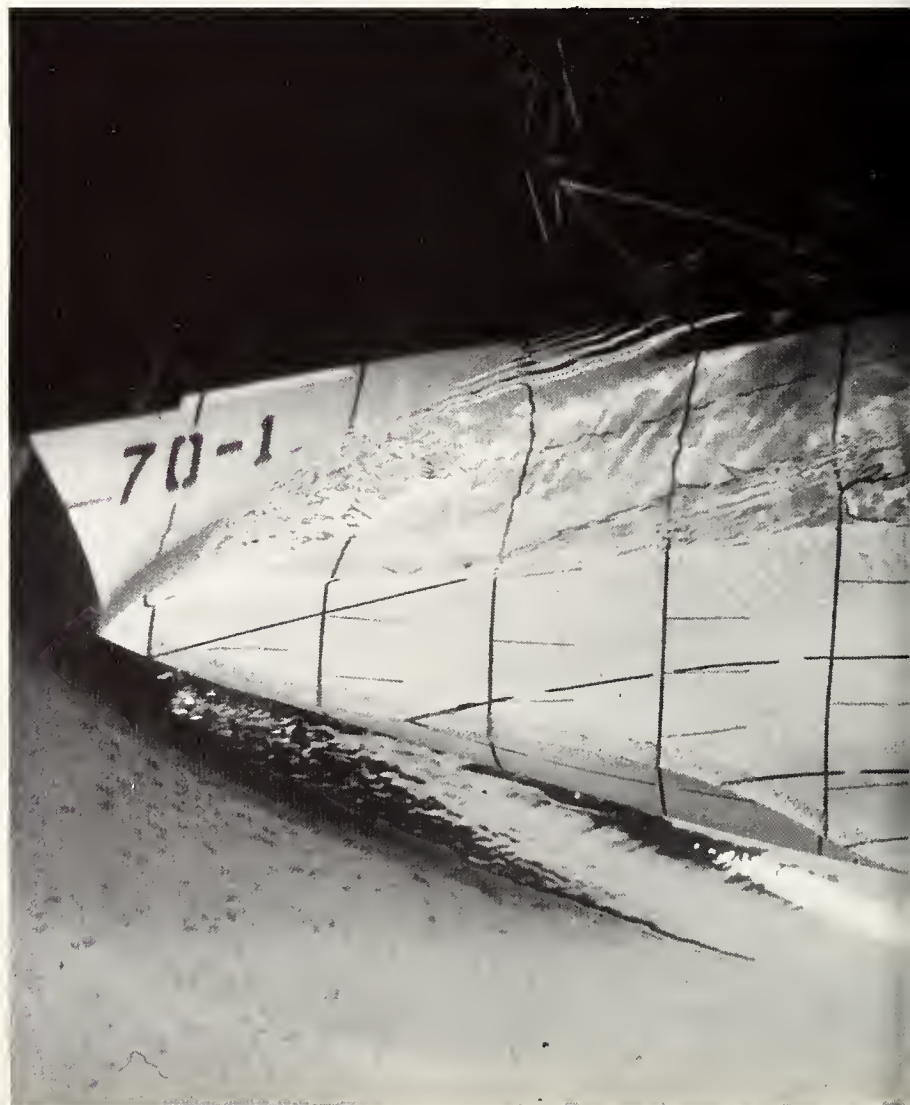
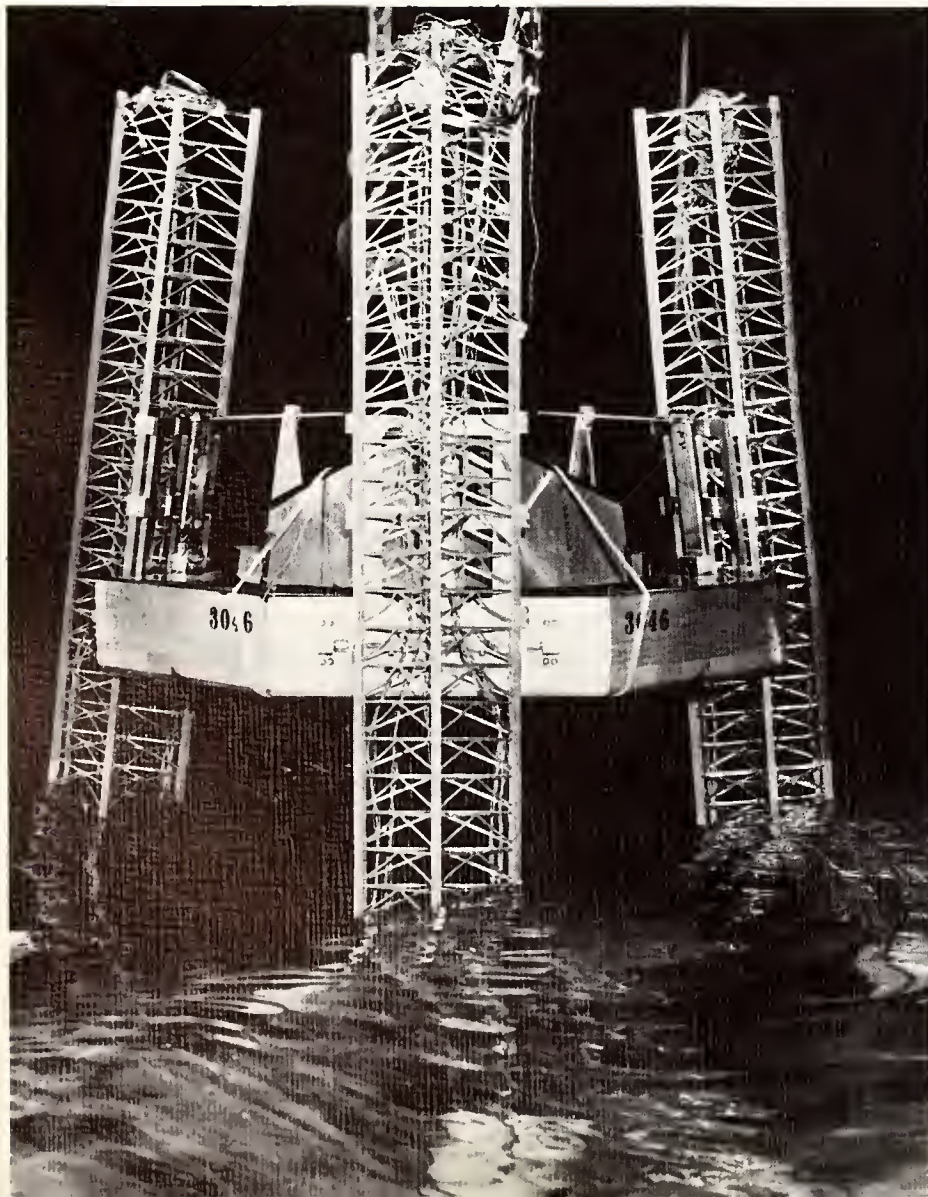
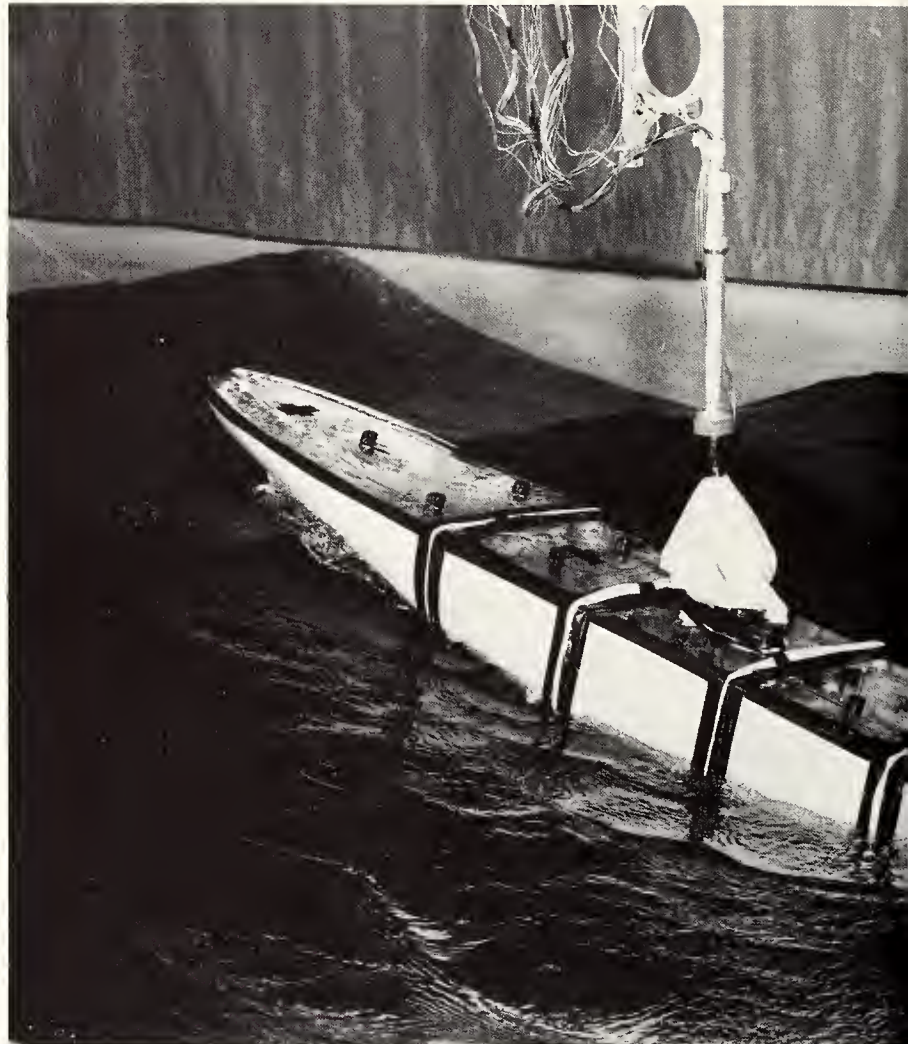
OCEAN ENGINEERING —

The Ocean Engineering Department is the youngest of the academic departments at Stevens, having originated in 1967. The OED grants only graduates degrees, both Master's and Ph.D.'s, but several of its courses have found enthusiastic response among the undergraduate students at Stevens.

Because of the close connection between the OED and the Davidson Laboratory, the faculty and students have a unique opportunity for carrying out research activities. Students and faculty actively participate in research projects dealing with a wide variety of ocean engineering problems supported by grants from the National Science Foundation and by funds supplied by Stevens.

Projects presently underway are mainly concerned with measurement and analysis of the effects of currents on wind generated waves and the response of ocean platforms to waves. In the several different aspects of this program, students and faculty are (1) measuring the effect of current on wave amplitude and wave length, (2) deriving advanced techniques for data analysis of actual wave measurements, (3) deriving analytical procedures for predicting ocean platform motions and, (4) designing and building a wave-current measuring tower to be installed in the Hudson River off the SS STEVENS this summer.

In addition to these supported research programs, students in the Ocean Engineering Department are encouraged to carry out individual research projects and relevant summer activities. For example, this summer one OED graduate assistant, Don Silawsky (Stevens '69) and one member of this year's Senior Class, Alexander G. MacKeon, will be drifting on Fletcher Ice Island T3 presently within 300 nautical miles of the North Pole. These ad-

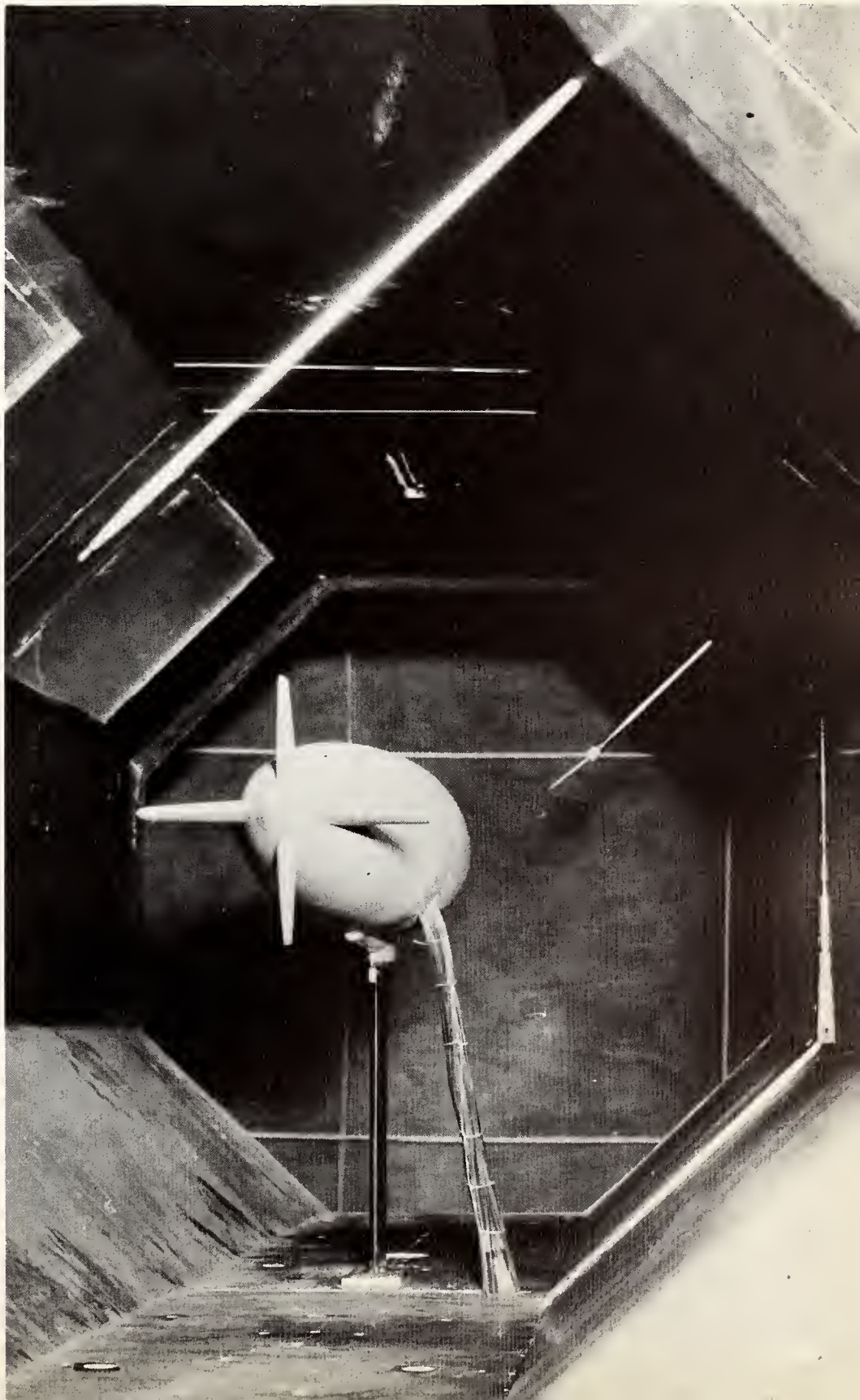


DAVIDSON LABORATORY



The research activities of the Davidson Laboratory cover a number of scientific and engineering fields in such areas as hydrodynamics, oceanography, terradynamics, internal-combustion engines, air pollution, motor vehicle dynamics, and highway safety. Some of these activities are technically interrelated, and were developed when the experience and knowledge acquired in one field were found applicable in another.

From the time of its establishment in 1935, the Laboratory has been identified primarily with hydrodynamics, and it continues to play a major role in this area. Current and representative work, both experimental and analytical, concerns such problems as those related to ship resistance, the behavior of ships and underwater bodies, the propulsive characteristics of propellers and the vibrations induced by these and other propulsion devices, and the hydrodynamics of high speed vehicles like water-based aircraft, hydrofoils, and ground-effect machines.



ELECTRICAL ENGINEERING



The Department of Electrical Engineering offers two basic programs of graduate study and research. One program is in electrophysical studies and includes research in quantum electronic devices, electromagnetic interactions with matter at low temperatures, electromagnetic interactions with macroscopic fluids and solids, and radiation interactions with solid state devices. The other is in electromathematical studies and includes research in control theory, computer science, computer-aided design, network theory, and communication theory.

Research areas in Control Theory are: Adaptive systems, optimal control systems, nonlinear control and stability theory, stochastic control theory, sampled-data systems.

Research areas in Communications Theory are: Modulation theory, detection theory, information theory.

Research areas in Computer Science are: Switching algebra and minimization theory, algebraic structure of finite state machines, machine organization, digital filtering and simulation, automata theory, coding, pattern recognition, neural modeling, and self organizing systems, formal languages.

Research areas in Computer-Aided Design are: Device, circuit, and system modeling, concepts of system theory, algorithmic methods, analysis and synthesis techniques, optimization procedures.

Research areas in Network Theory are: Analysis and Synthesis of active and passive networks, graph theory, integrated circuits, reliability theory, solid state device modeling.

Research areas in Quantum Electronic Devices are: bulk-effect oscillators, semiconductor injection lasers, air pollution detection, microwave and optical devices, superconductors.

Research areas in Radiation Interactions with Solid State Devices are: Integrated circuits, PNP structures, transistors and diodes.

Research areas in Electromagnetic Interactions with Matter at Low Temperatures are: Linear cryogenic devices, low noise devices, superconductivity, equation of state of solids, lattice dynamics, experimental low temperature phenomena.

Research areas in Electromagnetic Interactions with Macroscopic Fluids and Solids are: Electromagnetic fields in deformable solids, magneto-elasto-dynamics, magneto-fluid dynamics.

MATHEMATICS

The Mathematics Department at Stevens bears a split commitment. Members are asked to regard teaching (particularly undergraduate teaching) and mathematical research as equally important and equally necessary. The department has a number of areas of expertise: topology, algebra, logic, recursive function theory, functional analysis, numerical analysis, statistics, function theory, and analysis of partial differential equations, to name only a few. Research in these areas and others is actively pursued with publication soon to follow.

Teaching innovations in the undergraduate program are continually being considered. An undergraduate seminar program allows the interested undergraduate to investigate almost any area of mathematical interest. Size and arrangement of lecture and recitation classes is constantly under consideration. New attempts are being made to integrate the mathematics program internally as well as with the offerings of other departments.

In short the goal of the Mathematics Department is to be a coherent group of teachers-scholars of national note.

PHYSICS

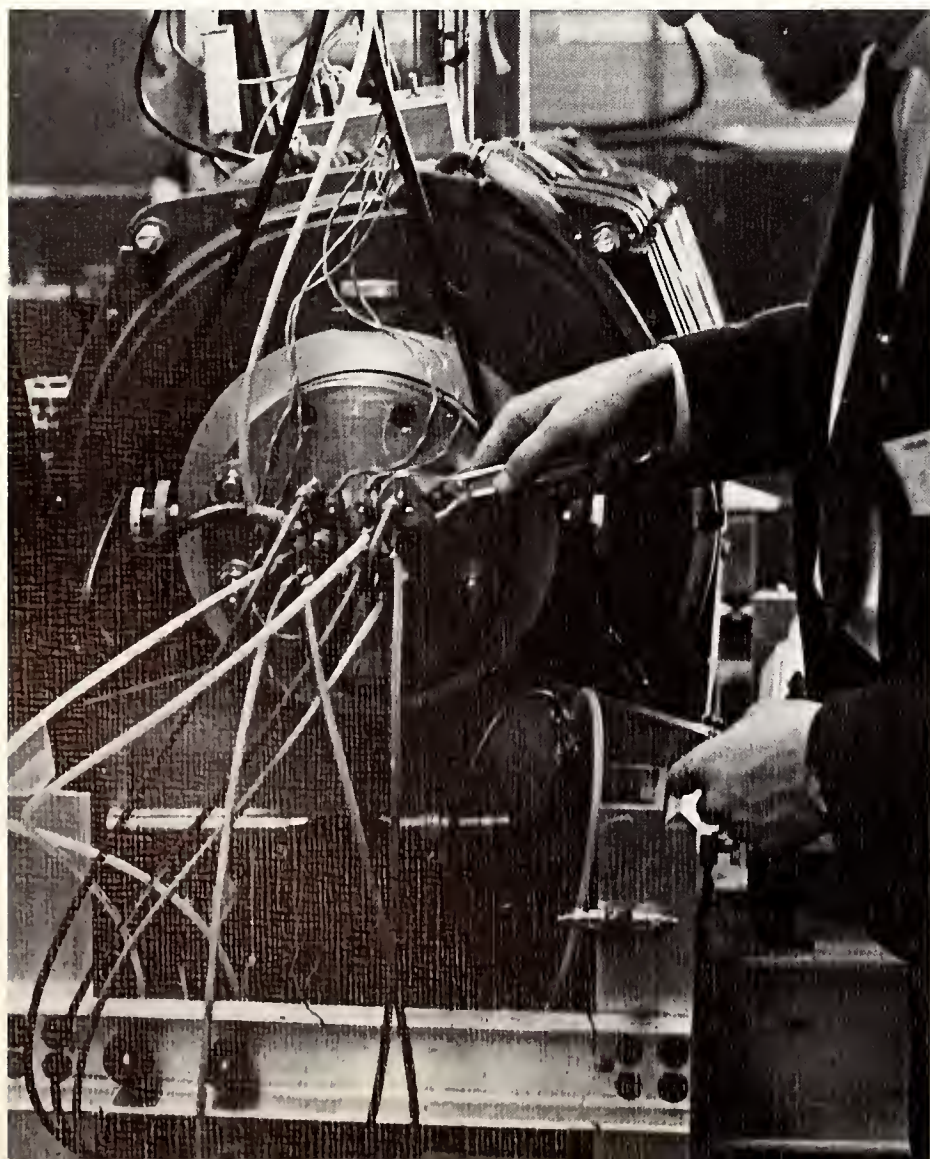
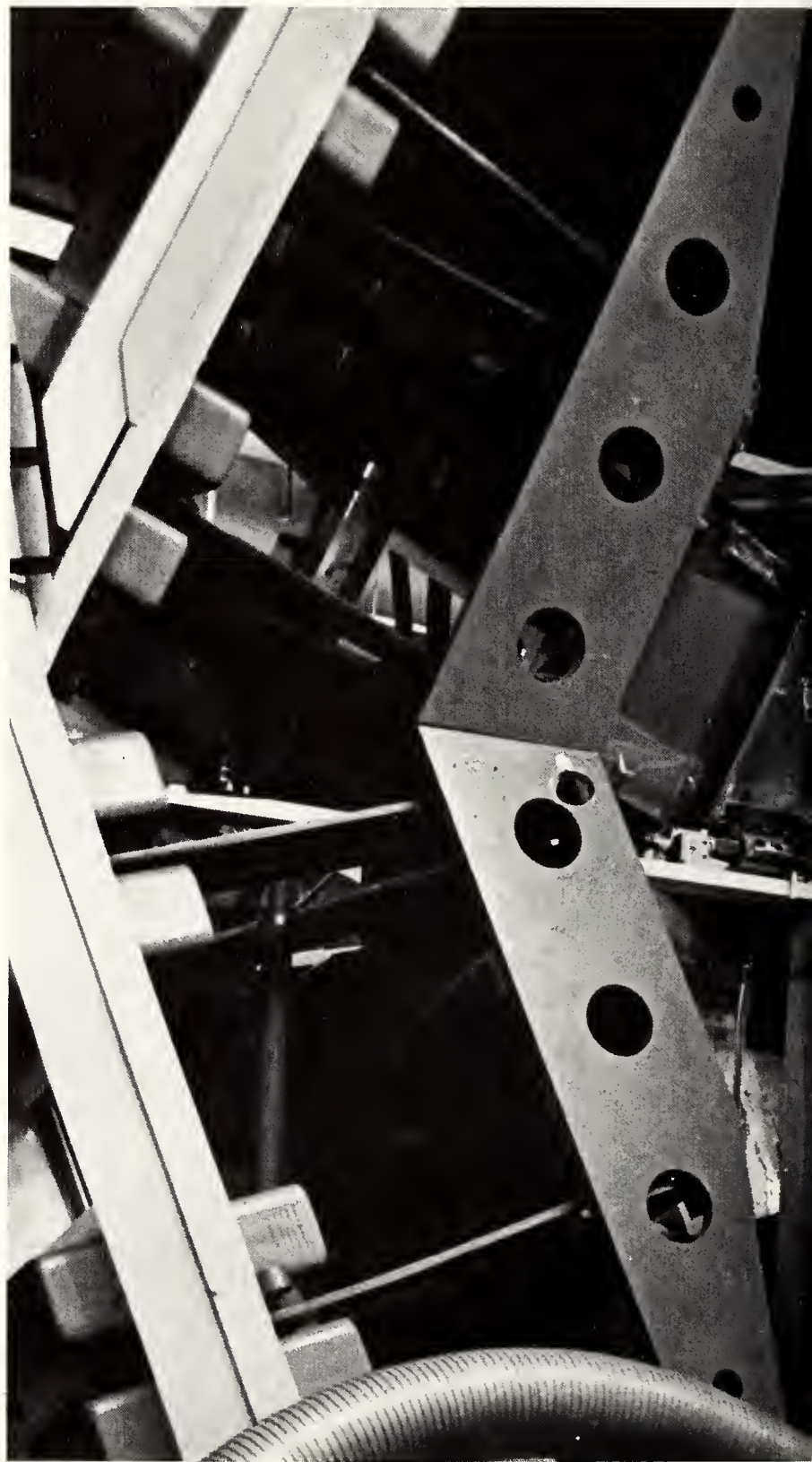
The Physics department concentrates its research activities in four major areas and includes both experimental and theoretical work. These are elementary particle physics, plasma physics, solid state and low temperature physics, and relativity and biophysics. The laboratories are fully equipped to carry out a variety of research programs. Such equipment as Collins type helium liquifier, cryostats for temperatures down to 0.8°K , an IBM 360/40 computer, and a member of the Universilos Research Association which operates the 200 Be V accelerator laboratory at Batavia, Illinois make up only a small part of the facilities available for Stevens Research.

The study of properties and interaction of elementary particles (High Energy Physics) has constituted the "frontier" of physics throughout the past generation. The Elementary Particle Physics Group carries out research in both theory and experiment.

Stevens was one of the first institutions to develop an educational program in modern high temperature plasma physics along lines relevant to the problem of controlled thermonuclear fusion. Today the interests of members of the plasma physics group cover a wide range of problems from the laboratory heating and confinement of high density high temperature plasmas in special magnetic "bottles" to problems of the stability of the Van Allen radiation belts encircling the earth.

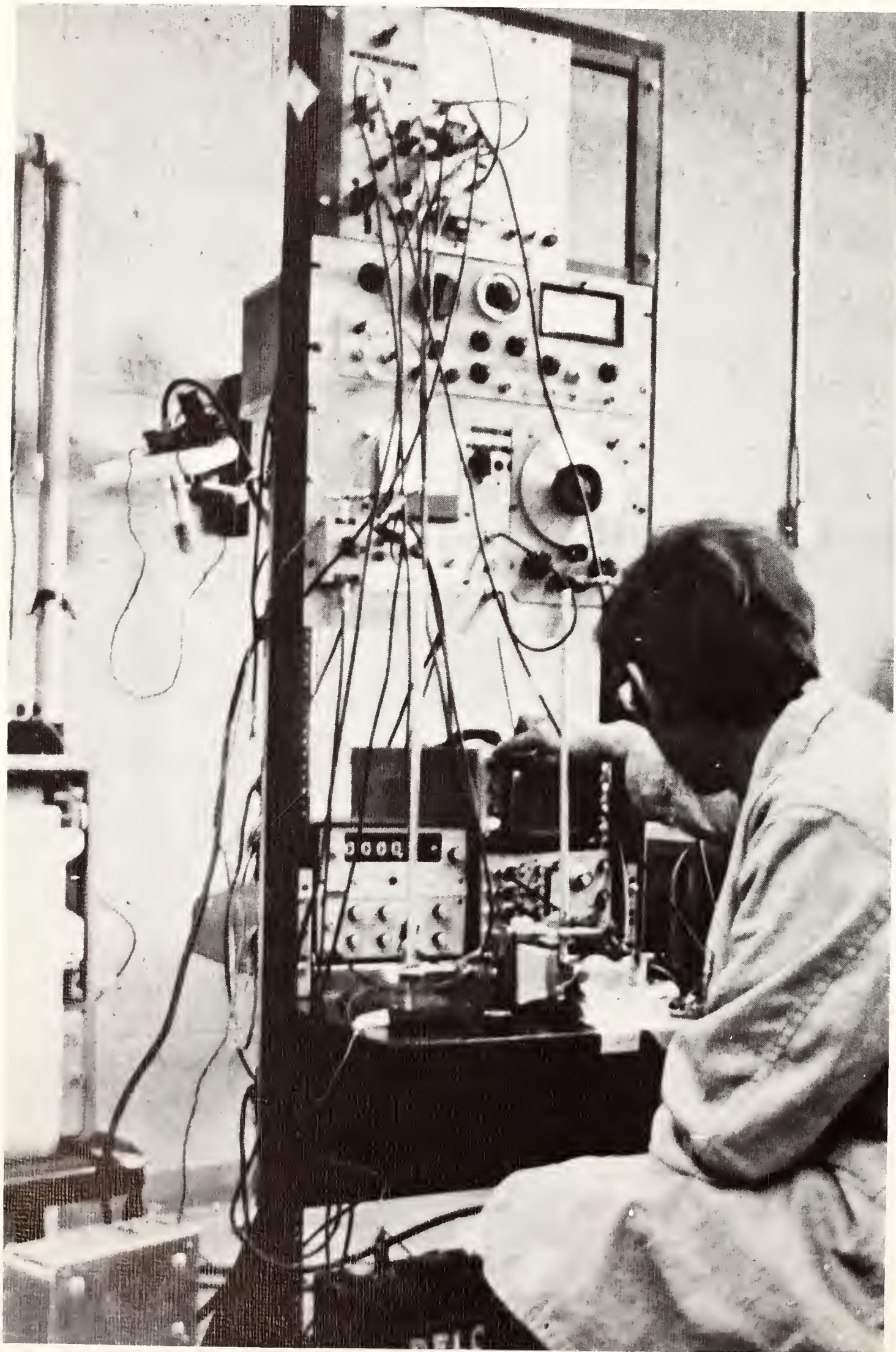
Solid-State and Low Temperature Physics is an important part of the Stevens Research Program. Under study are such phenomena as phonons in liquid helium, time-position dependence in superconductivity, Brillouin scattering in polymers at the glass transition and the general theory of superfluidity of fermion systems.

Work is also being done in the areas of relativity and biophysics. Areas studied include structure of classical and quantum relativistic field theories, theories of gravitation, relativistic astrophysics, cosmology, vacuum fluctuation problems, and fluctuation phenomena in fluids with applications to biophysical systems.





METALLURGY





The metallurgy department carries out research to satisfy two goals; to solve specific technological problems and to acquire a better understanding of the nature of materials. The first type of effort is exemplified by their work in the fifties which resulted in alterations to the ASTM specification for solder alloys. These made soldered connections immune from deterioration brought about by the tendency of tin to change from a metallic to a non-metallic form at low temperatures. Another example of this type of activity was their participation in the development of the processing techniques which made the first single-edge, strip razor a commercial possibility. Lately they have worked on gold solders for circuit boards; cooperatively with chemistry on non-corrosive, soldering fluxes; on abrasive belt machining; on stress corrosion problems encountered in retaining wall, tie-back tendons; and on high strength, non-corrosive materials for prosthesis.

To better understand the nature of metals, they carry out research which involves the measurement of a wide variety of physical properties and the determination of crystalline, atomic and electronic structural details utilizing optical and electron microscopy, internal friction, X-ray and electron diffraction and the Mossbauer effect. Several current problems are concerned with the strengthening effect and movement of crystallographic imperfections in bulk metals and very thin films. As examples, they have investigated strengthening mechanisms in age-hardenable magnesium alloys and are presently studying cold-worked materials, electrodeposited films and electrodeposited crystals. The properties of defects and structural features have been, and are being, studied in non-metallies like salt crystals and in very rapidly solidified (splat-cooled) alloys, both in the unstable condition and as they revert, upon thermal activation, to more stable structures. As many crystallographic and structural changes involve the movement of atoms through solids by thermodynamic diffusion or other mechanisms, this phenomenon is of basic interest to them. Currently it is being studied under conditions which occur in semiconductor and microelectronic circuit technology.

MECHANICAL ENGINEERING

The Department of Mechanical Engineering is currently conducting research in the areas of fluid mechanics, solid mechanics, thermodynamics, heat transfer, air pollution and combustion.

Investigations now in progress in fluid mechanics include a study of flutter of blades in axial turbomachinery. Factors affecting the stall and aeroelastic vibration of compressor and turbine airfoils are being investigated both analytically and experimentally. The project is aimed at achieving predictability of conditions under which flutter occurs so that it can be avoided. Another study involves an experimental determination of the parameters affecting shear layer resonance in flow over open cavities.

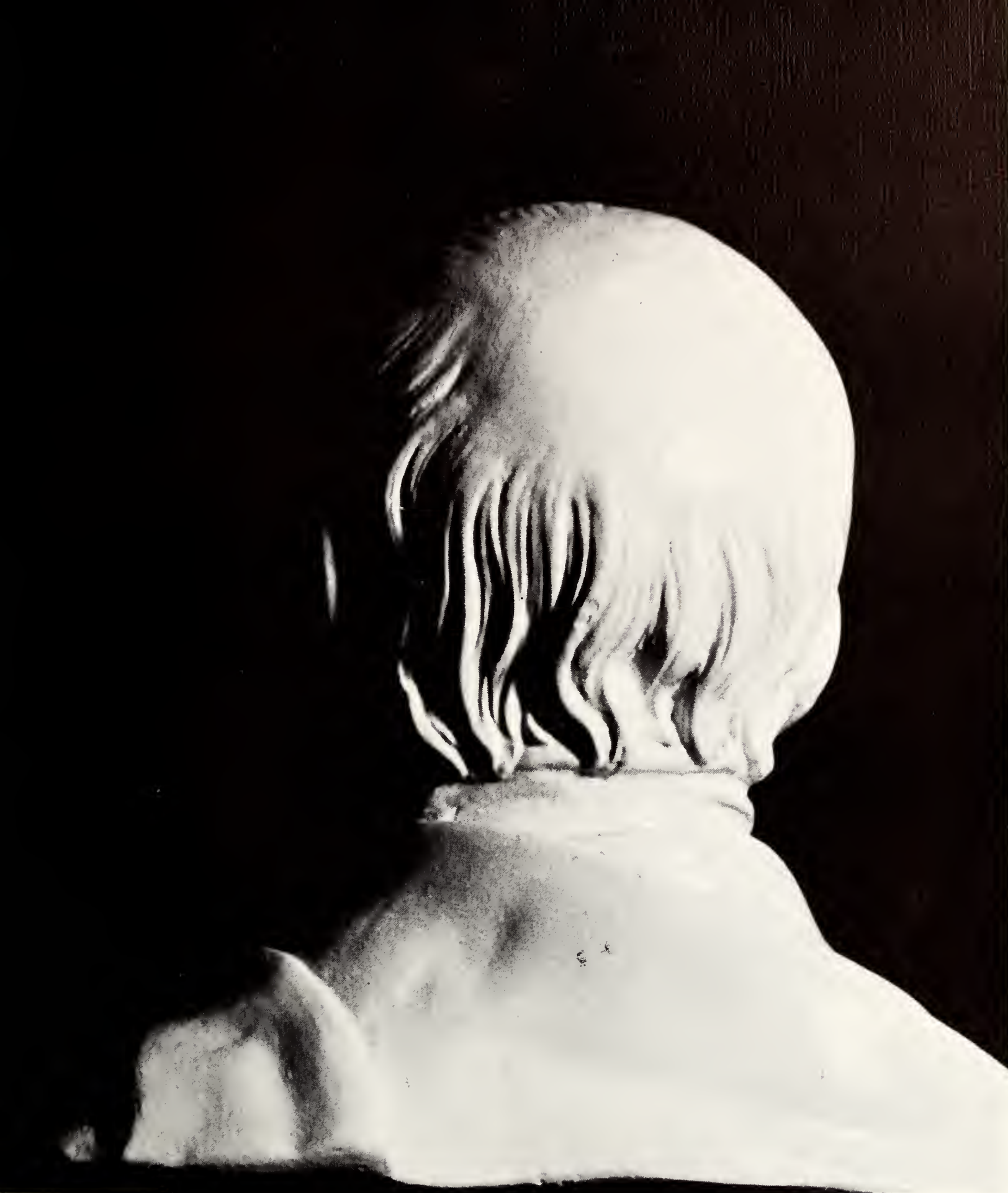
Research in solid mechanics is essentially theoretical in nature and covers a wide variety of topics, including the dynamical instabilities of the tethered or "dumbbell" satellite; hypervelocity impact on thin sheets; elastic and viscoelastic constitutive relations for polymer films, and a new numerical approach for solving problems in structural mechanics. In addition, the Laboratory for Balloon Technology is conducting an experimental investigation into the basic physical and mechanical properties of high altitude balloon film materials.

In the areas of thermodynamics and heat transfer current investigations include studies of the Joule-Thomson effect at cryogenic temperatures for helium 3, heat conduction problems with melting or solidification, measurement of the thermal contact resistance of non-flat surfaces with emphasis on dissimilar material contacts, and the determination of high temperature thermophysical properties of various composite materials. Also, a research program on macroscopic principles of non-equilibrium thermodynamics has resulted in a new theory of thermodynamic process in continuous media.

The department's Combustion Laboratory has an active program of research directed toward a basic understanding of combustion phenomena. Current programs are designed to reveal the mechanism of: composite solid propellant combustion (utilizing a novel burner technique developed at Stevens); flame spreading over the surface of igniting condensed phase materials; photochemical ignition of gaseous fuel-oxidant mixtures; and chemical non-equilibrium during the expansion of combustion products in automotive, spark-ignition engines (which results in expulsion of nitrous oxide, one of the deadliest of all combustion-generated air pollutants).

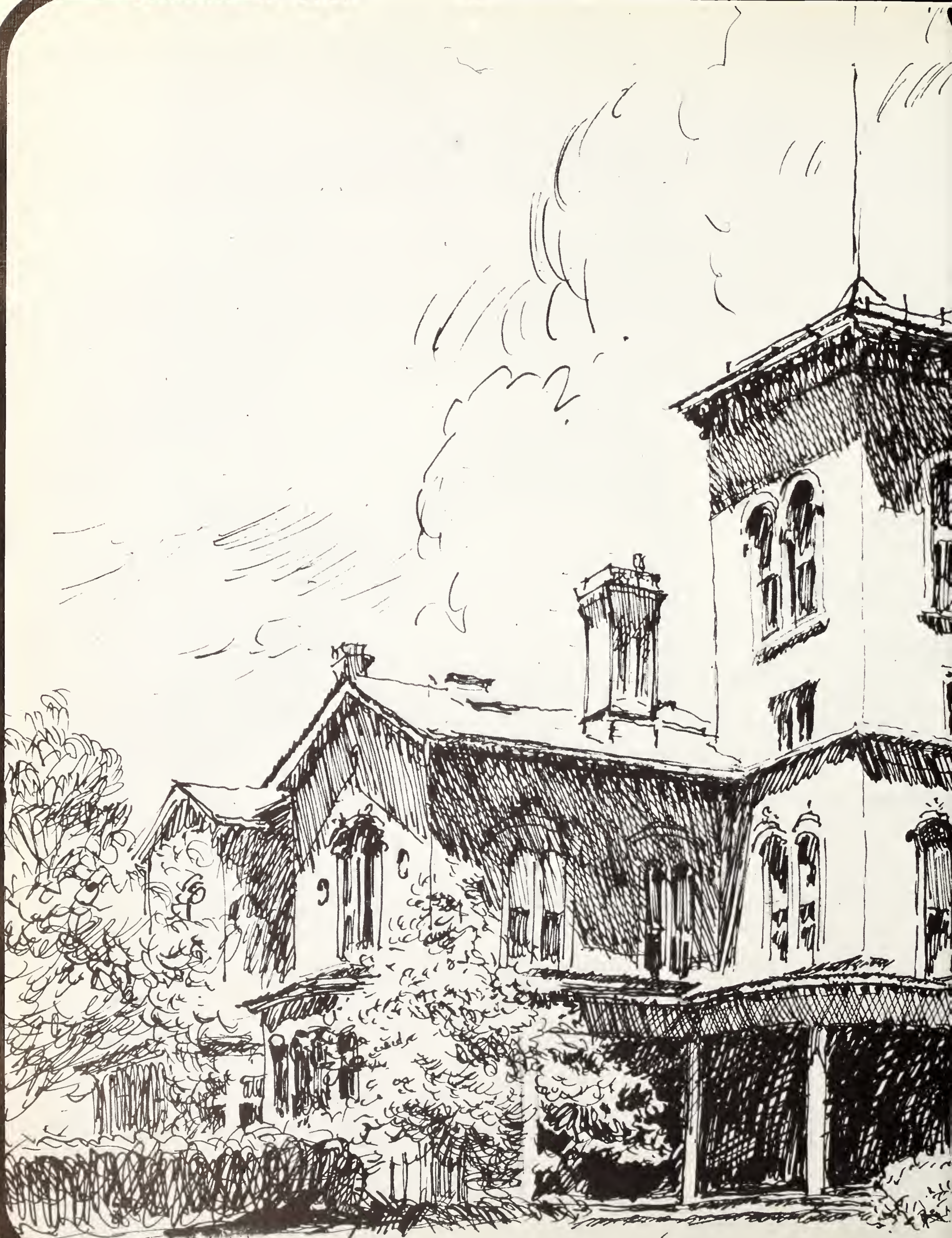


P S Y C H O L O G Y



The research at Psychological Studies is of an applied psychological nature. It ranges from studies of the risk taking propensities of various kinds of automobile drivers to the personality make-ups of urban police applicants. Most of their research is concerned with the psychological factors in the decision-making process. For example, they are interested in why people select different careers, why executives make various kinds of business decisions, why some people "gamble on" the highway, why some people change their minds in the mid point of their careers.

Of some interest is their recent findings on the characteristics of various kinds of drivers. The worst drivers, the ones with the high accident rates, were characterized by a high degree of suspiciousness. They also had a very slow decision response time. Drivers with no accidents but many traffic violations proved to be a very nervous group with a quick decision response time.





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AND
FACULTY



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CASTLE POINT STATION
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OFFICE OF
THE PRESIDENT



Gentlemen:

As you read this 1970 issue of the "Link" you are probably well into the start of your career, working in industry, pursuing graduate studies or perhaps serving your country in the armed forces. That which you learned at Stevens---the knowledge gained, the abilities sharpened, the experiences enjoyed---should stand you in good stead, provided you are willing to accept an inescapable fact. . . your education has not ended. It has, relatively speaking, just begun.

Your background in engineering and the sciences alerts you constantly to the relentless flow of ideas, the birth of new knowledge, the changes in technology which already accompany the new decade. Even more significant are the propensity of problems brought on by the new technology, the changes in social mores and the growing threats to man's quality of life.

Only education, and a concern for the future of man, can solve these problems. Only a continuing search for something better, through the accumulation of new knowledge and new methods, can provide the answers. For you, this may involve a return to the campus, or it may be the everyday reading and listening and participating which keeps you abreast of transition and opportunity.

As Stevens enters its second century, you are entering "the life" for which Stevens tried to prepare you. I respectfully urge you to continue your learning. You will gain from it. Your world will be the better for it.

Speaking for the faculty and your many friends at the Institute, I wish you the best of success and a truly rewarding life in the days and years ahead.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. H. Davis". The signature is fluid and cursive, with a large, sweeping initial "J" and "H".

J. H. Davis
President

ACADEMIC ADMINISTRATION

Jess H. Davis, President



Paul Allen, Jr., Associate Dean of Graduate Studies



John F. Richardson, Secretary of the Faculty



Charles V. Boulton, *Assistant to the President*



Preston R. Clement, *Provost and Dean of the Faculty*



William H. McLean, *Dean of the College*

Stanley A. Groves



Wilson T. Crisman



Leonard A. Frisco

FINANCE AND BUSINESS ADMINISTRATION



Joseph Lukowich



E. Cullen



F. Q. Lane



H. P. Avery



J. E. Grimes

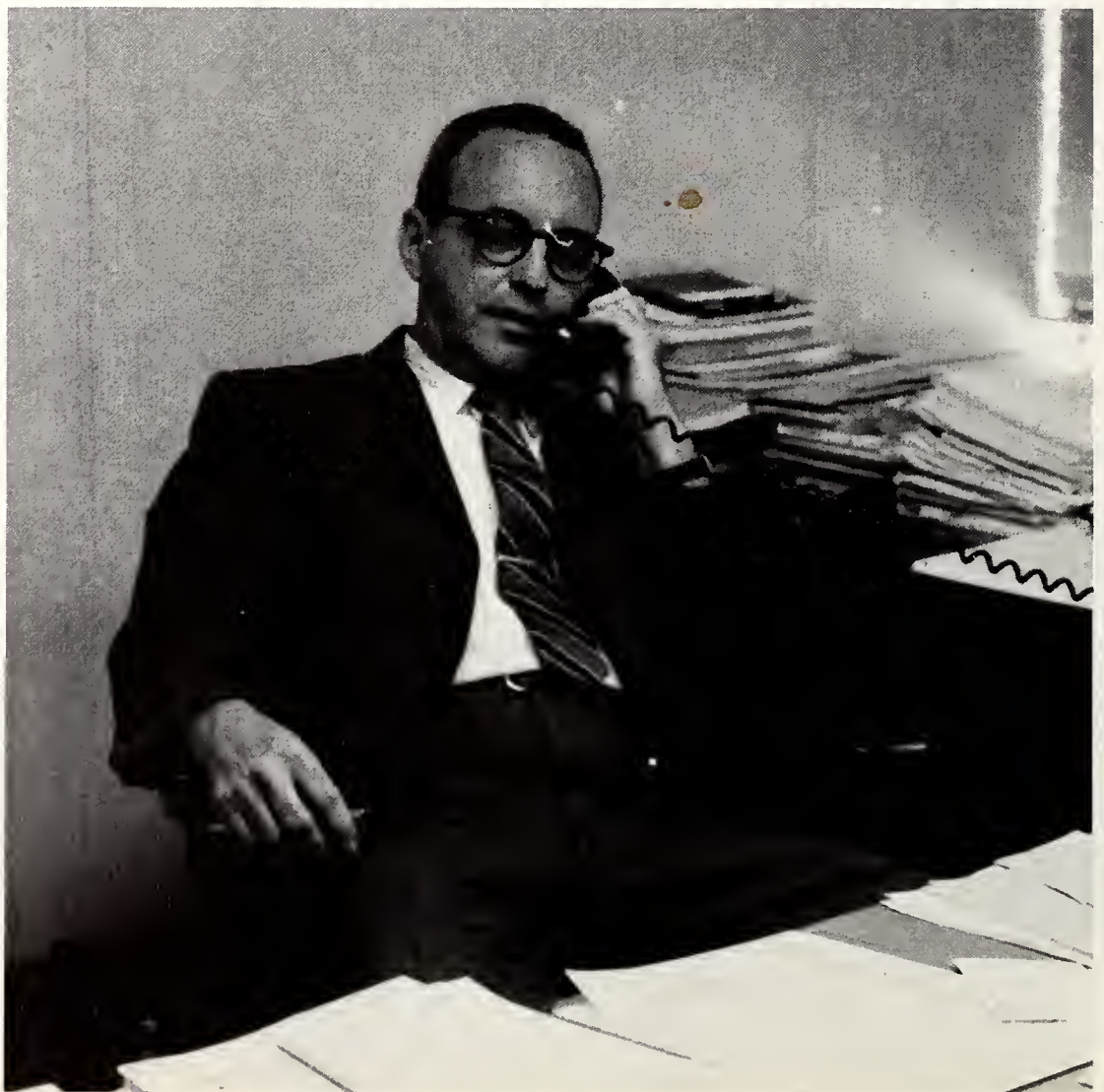
Robert A. Hand



William L. Bingham, *Dean of Student Affairs*



Peter H. Rademacher, *Assistant Dean of Men*



Robert H. Seavy
Director of Admissions

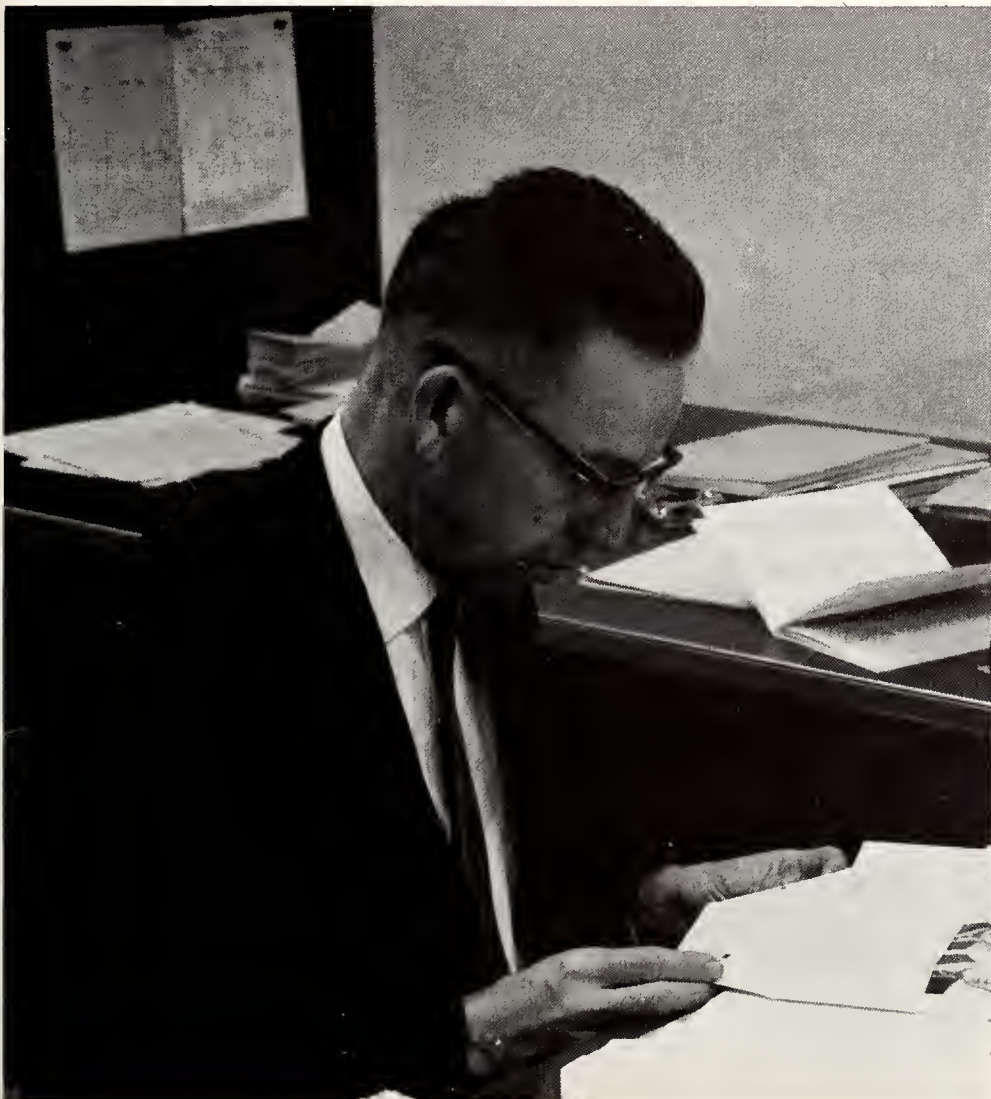
STUDENT AFFAIRS

Richard E. Everson, *Associate Dean of Men*

Joseph Hepp, *Director of Student Aid*



Mrs. Parsons, *Secretary to the Dean*



L. Edwin Backer, *Registrar*

DEVELOPMENT AND PUBLIC RELATIONS



Marshall Sewell



Charles R. Redden



Joseph B. Devlin



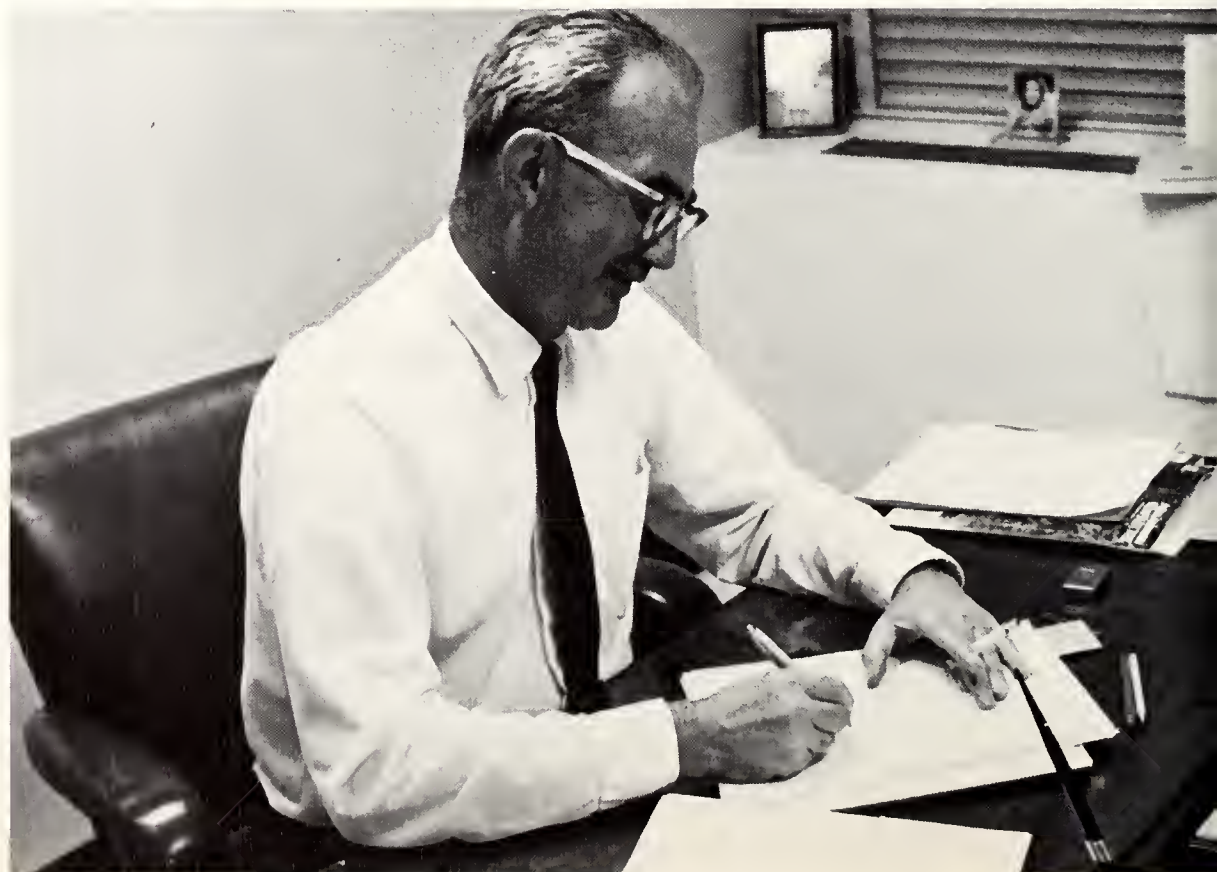
Elton Renfroe

HEALTH SERVICE, LIBRARY AND PLACEMENT

Laurence A. Minck, *Placement*



C. Robin Lesueur, *Librarian*



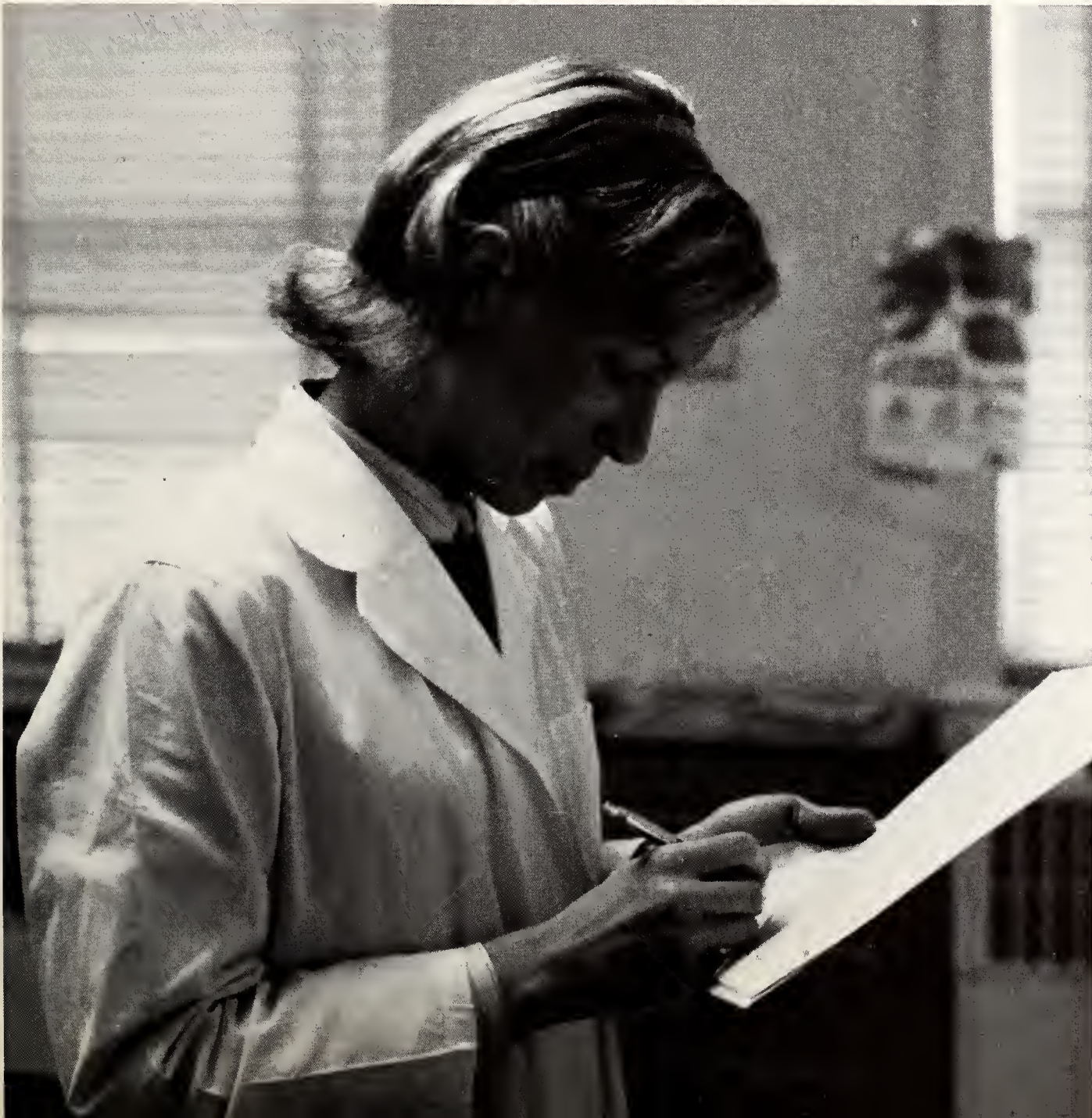
Stanley G. Apolant, *Placement*



John G. Taylor, *M.D.*



Frances Ida Duck, *Curator*



Elizabeth Rademacher, *R.N.*

Student-Teacher Relations

An Interview With
Dr. Luigi Zummo Pollara,
Chemistry Department Chairman

Link: What do you think the Student-Teacher relationship should be, or what would you like it to be?

Pollara: Many years ago the concept of student-teacher relation was a more definite idea than it is today. It was strictly a master-student relationship and most people were not unhappy under those circumstances. Each had a very definite role to play, the student to learn, the master to teach and although the process was not altogether democratic some fine friendships—in fact, life-long friendships resulted. All satisfying and happy relationships must find a basis in mutual respect and mutual trust. The role of the student and the function of a teacher is a little more nebulous today than it was in the past. Any erosion of the student-teacher relationship is more a superficial phenomena than a fundamental one.

Link: You feel the teacher has a certain responsibility to the student.

Pollara: Of course, the teacher has very definite responsibilities to the students, but it must not be forgotten that a professor has a responsibility to himself, to his profession and to society at large. The nature and extent of these responsibilities cannot be circumscribed by the background or the experience of a boy 18 or 19 years old. Nevertheless, when one is young one has very definite ideas as to his needs and his future and sometimes he becomes impatient with those who seemingly deflect him from his destiny. Strangely I find that good students seem to have more faith in their professors than poor students do. It is a teacher's responsibility to accompany a student down the road a bit. Notice I said accompany not carry. The most a professor can do is to guide, to point and to motivate a student, not only to stress his intellect but to discipline it as well. Whether anyone can actually teach someone else has always been a large problem in my mind. I do not feel that a professor's responsibilities to a student extends beyond the academic. Society has more efficient institutions to deal with problems extracurricula, in short, I do not think that a school nor a group of professors should set for themselves the goal of creating the whole man.

Link: Is it up to the individual to find himself?

Pollara: Of course, that's what it's mostly all about. No one else can do it for you. Unfortunately, it takes a little longer than a life time to find out who you are. One thing for sure, it can't be done by steadily gazing at your belly button. Happily the problem is complicated by the very fact that you are changing all the time. Presumably, the function of a school is to promote and even accelerate that change.

Link: Do you feel that it's the teachers responsibility to propose something for the student to learn?

Pollara: Presumably, an institute of science and engineering has a higher function than being merely a play pen for the out-sized infants. I believe it is the teacher's responsibility to lay out the basic course of study in an institute such as ours. Stevens is a vector not a sphere. If your personal vector has a large component on the institute's vector you will be happy here. If your vector has too large an orthogonal component then I feel that you would be happier elsewhere. I personally do not feel that Stevens nor any other institute can be all things to all people.

Link: You can guide the student?

Pollara: Yes, I feel that students can be guided, but remember, the students are not missiles. Nor are students inert instruments with knobs which can be twirled. He comes to Stevens neither empty handed nor empty headed, in fact, he comes loaded in more ways than one. To accept guidance one needs considerable understanding and that is a slow, long process. Orientation week at the beginning of the freshman year at most, can tell the students where the library is, and how to behave in the cafeteria. Facetiously, I have often said the students are more than living organisms.

Link: I hope so!

Pollara: We all hope so. Some of them don't seem to act that way. In fact, many of them seem to be in suspended animation. Most of our students are intelligent and lively, with a respectable sense of humor. There are some who confuse mere motion with progress, whereas others are in the state of somnambulism.

Link: Do you try to change this attitude in students?

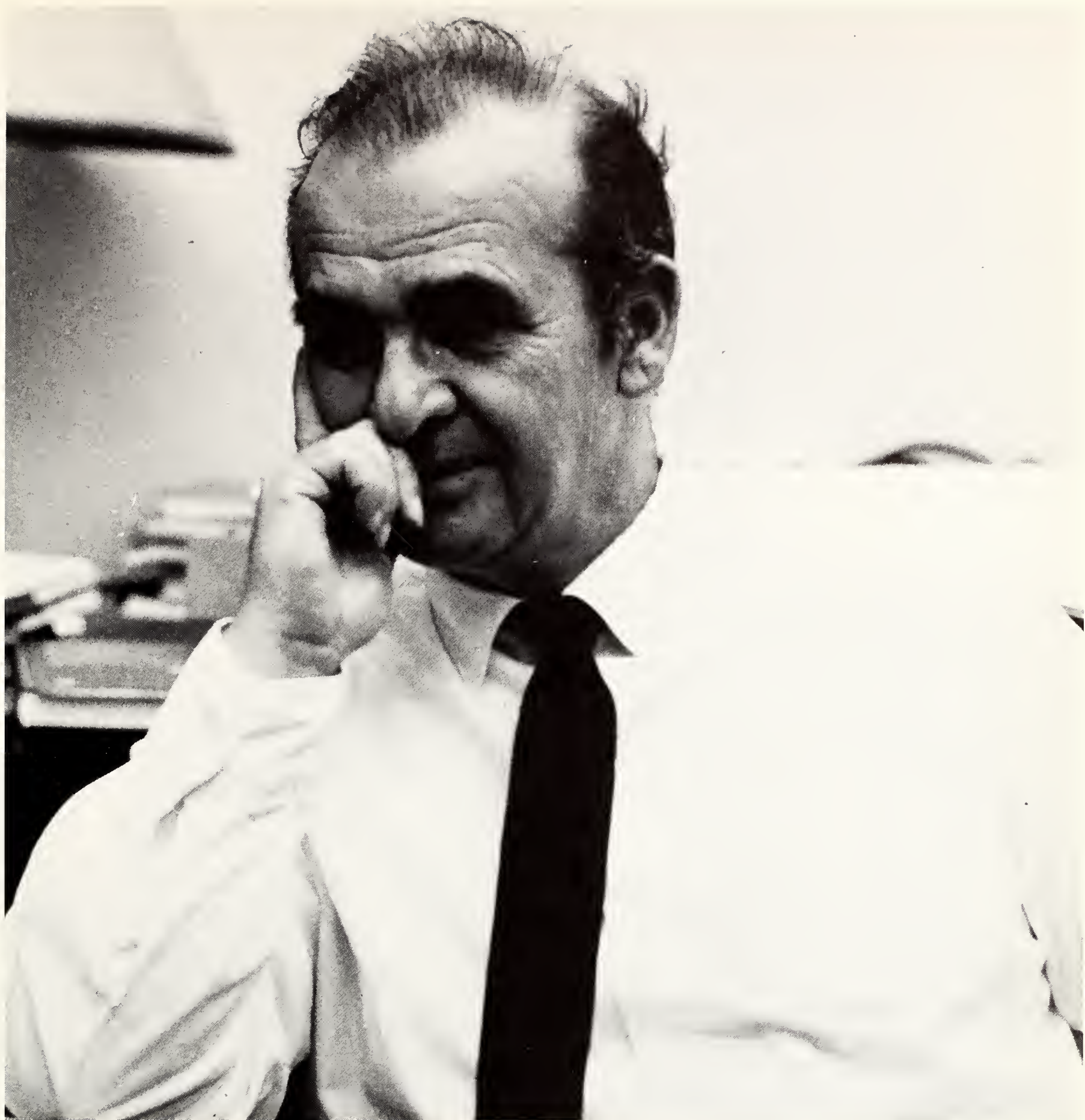
Pollara: Not directly I don't. I generally, don't fraternize with students, however, if I happen to be wandering about the campus and some student stops me to have a few moments of conversation, I must say I enjoy it. However, I do shy from programs which plan in an organized fashion the "beautiful interaction" between students and professors. Furthermore, I think that students enjoy their own company and desire privacy.

Link: You said before that a student knows that this is the best time of his life. Since this is a professional school, how can a student with such a curriculum have enough time to really enjoy himself and get the grades that he needs to go on to graduate school.

Pollara: What do you mean by "enjoy himself"? Life offers you a large spectrum of pleasures, unfortunately, each pleasure having a price tag on it. Your education presumably affords you the ability to discriminate to pick and choose and to develop a sense of timeliness. To reflect on your impulses. If I understand your question properly I would say that it is highly improbable for most students to "really enjoy" themselves and get good grades too, though, I say in more conventional terms, that many students enjoy getting good grades. It is difficult for me to conceive of any professor that would be adverse to a student living a robust life. Nevertheless, I don't think that students should wander around campus for four years as intellectual eunuchs either.

Link: Intellectual eunuchs????

Pollara: Well, perhaps I put it too strongly. What I mean is that four years is a fantastically long time. Many attitudes and habits are being formed willy-nilly. Why just sit by and watch



them happen to you? Why not jump in and have a hand in it, in other words, why take a jailbird attitude while you're in college. It's a sign of intelligence if one turns his work into play. I don't mean entertainment, I mean play in the Greek sense. The Greeks had a great deal to say about the difference between work and play that we Americans have a strange tendency even to change our play into work.

Link: How can a student really have peace of mind just to accept all this drilling—all the hours that he's putting in?

Pollara: I agree with you that students are putting in a great many hours, but not studying. Most students do some studying and some do a great deal, but most students and some professors, myself included, don't do as much work as we like to think we do. As to peace of mind I have heard of it, but I don't

think I have experienced very much of it. I don't think anyone has proved that peace of mind is necessary to the human condition. In fact, in order to train an athlete to the peak of condition he must be stressed. We train by overloading. I believe the same condition holds for the mind. Naturally, we all know that if we constantly over-load either the mind or the body you eventually go stale, but I do not believe any of us in this room are in that danger. If you are interested in this theory of mine we can speak about it some other time, perhaps over some beer.

Link: Do you think it is a teacher's responsibility to make an attempt to deal with his students on a personal level?

Continued on Page 154



Dr. Jones



A. Volpe



M. Manhas



J. Vanderveen



A. Bose



R. Andrews



J. Biesenberger



E. Robb



L. Baskin



T. Dougherty



M. McIntosh



G. Delancy



C. Alfare

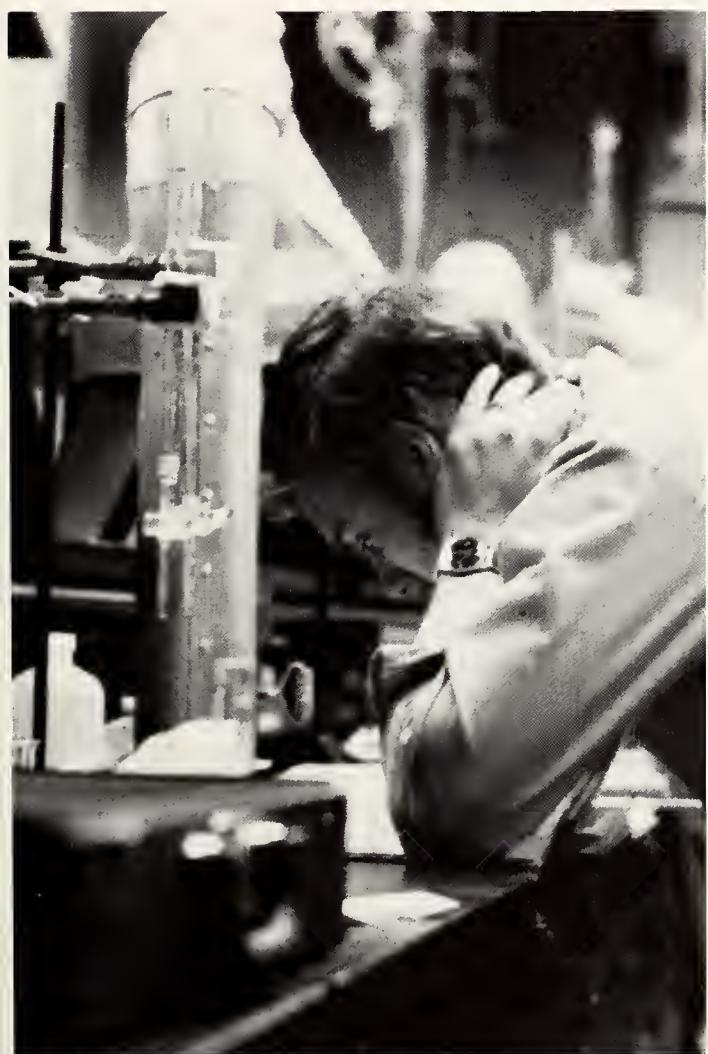


H. Staffin



H. Silla

CHEMISTRY AND CHEMICAL ENGINEERING

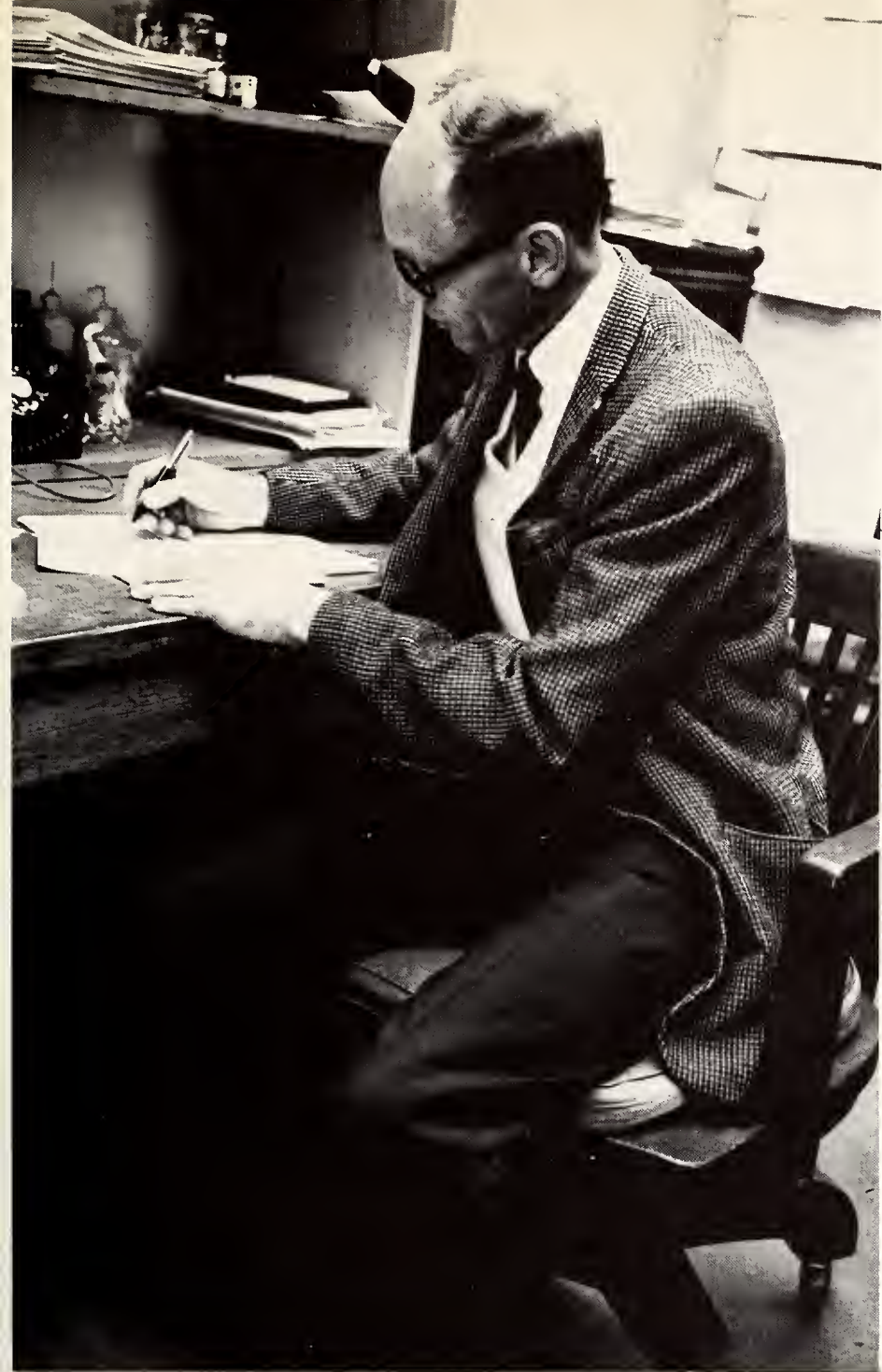


Paul Allen





Edmund R. Malinowski



Rolf Steinman Recipient
Of Freygang Teaching Award





Emil C. Neu



G. J. Herskowitz



R. C. Geldmacher



T. Kobylarz



H. W. Phair



P. Chirlian



E. Peskin

ELECTRICAL ENGINEERING

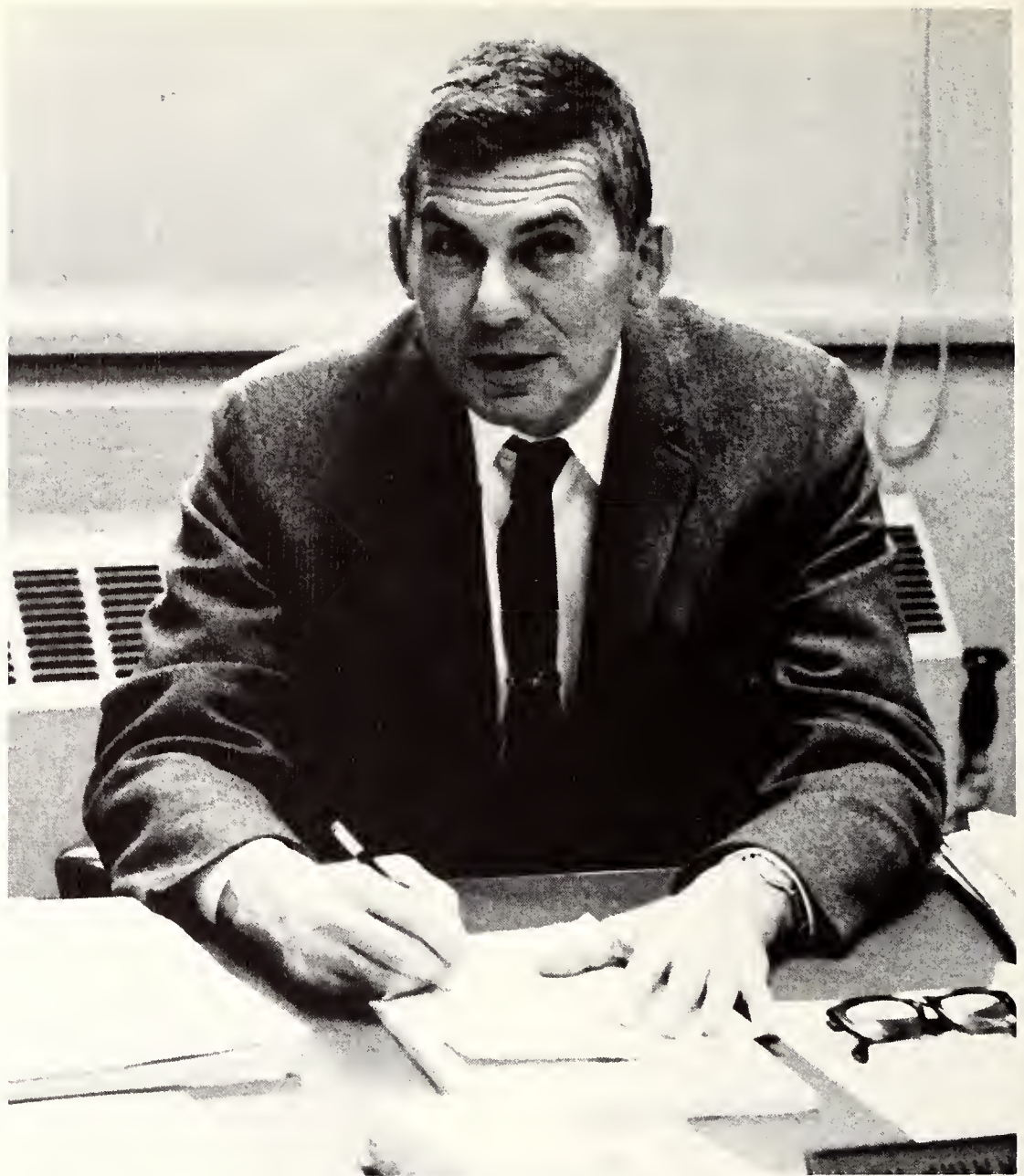


Alfred C. Gilmore



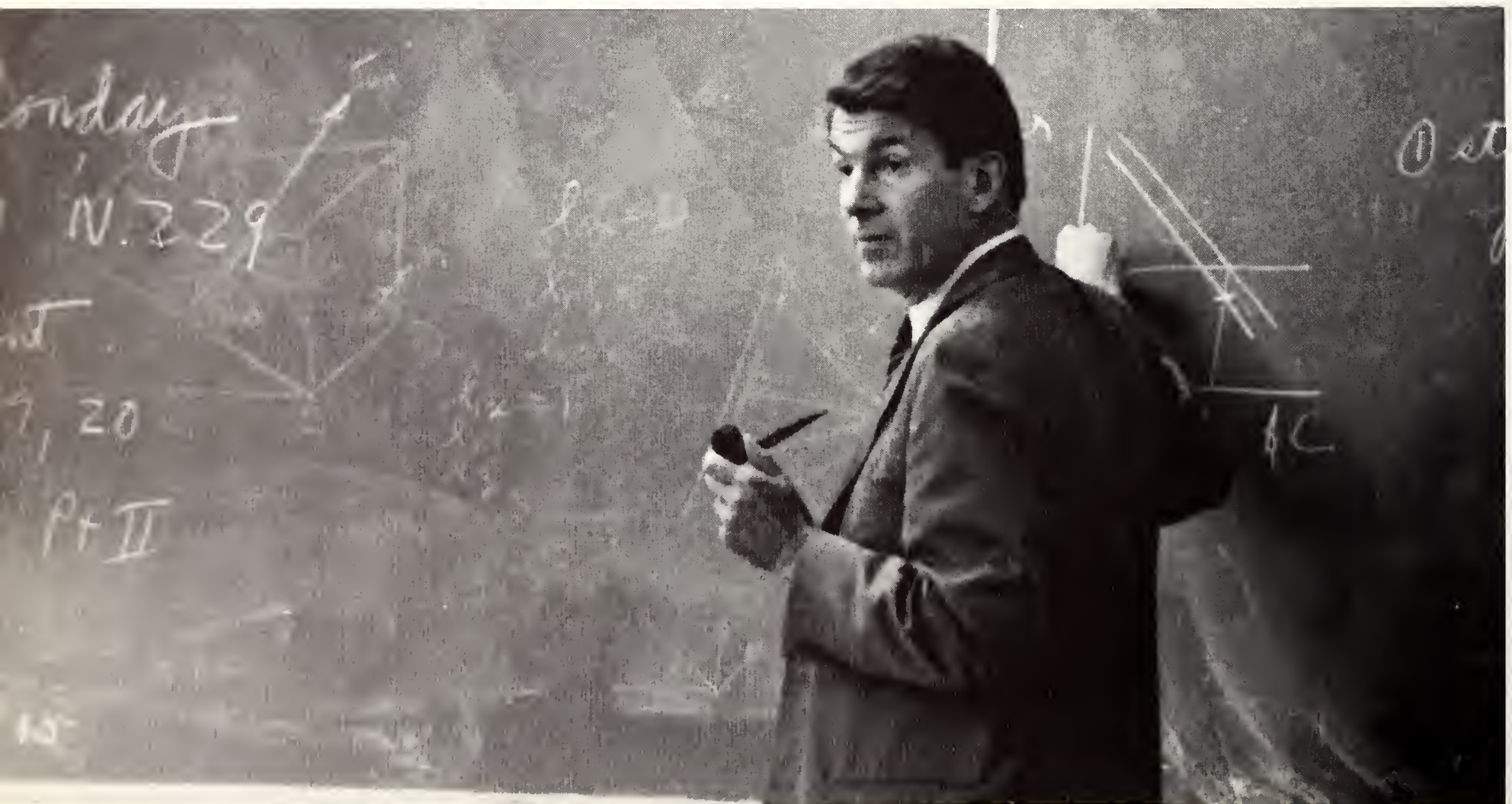
Robert C. Geldmacher

MANAGEMENT SCIENCE



Allen H. Spinner

IN MEMORIAM



John W. Ballantine



James M. White



F. J. Gaudet



J. M. White



J. M. Johnson



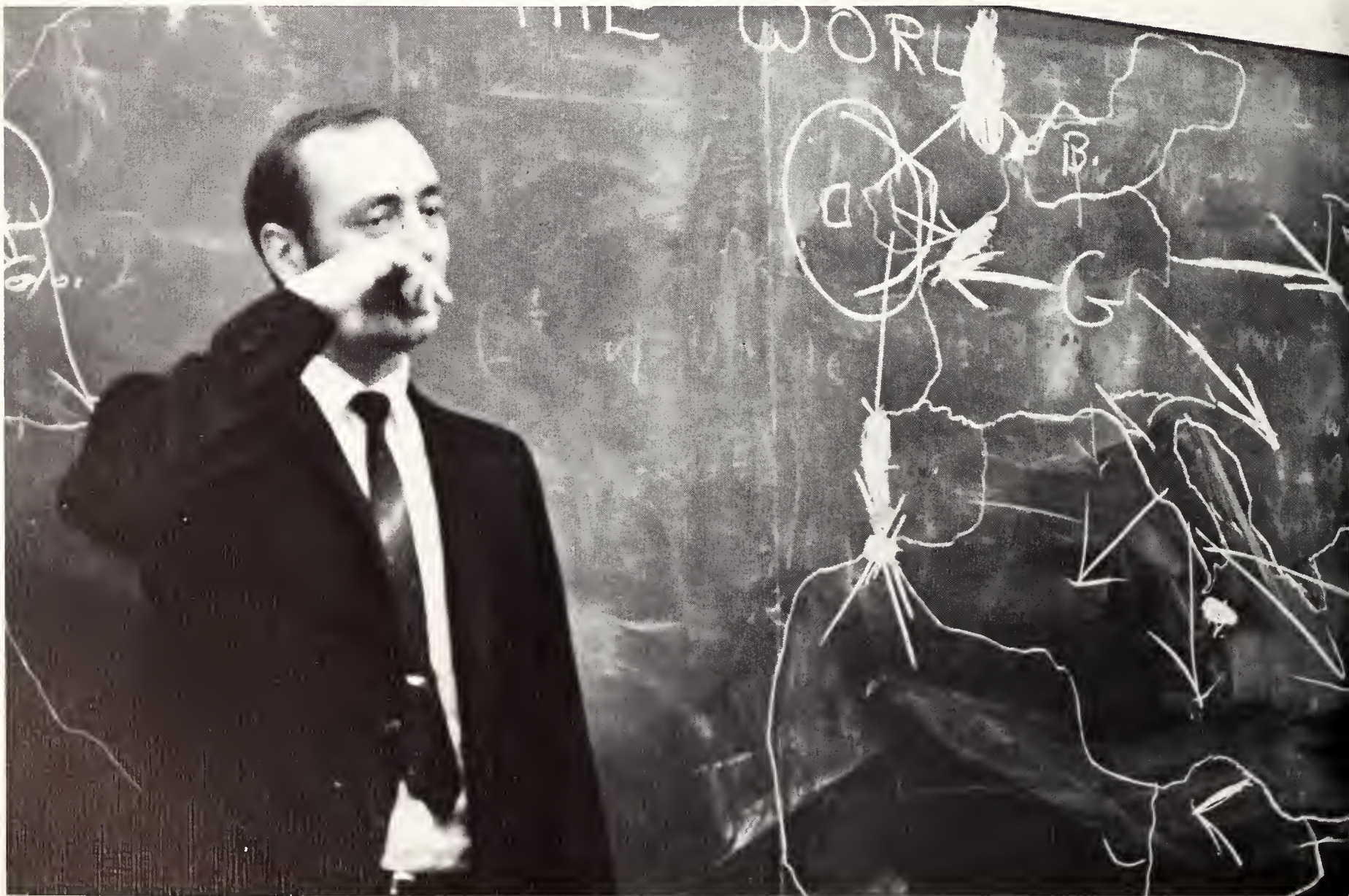
F. W. Cleveland



Arthur Lesser, Jr.

HUMANITIES

Richard D. Humphrey (Head)



Silvio R. Laccetti



W. F. Ondrick



S. R. Laccetti



M. Kasten



R. J. Packard



J. Goldberg



M. Bauar



H. Dorn



B. Milicia



J. Suzansky



John F. Richardson

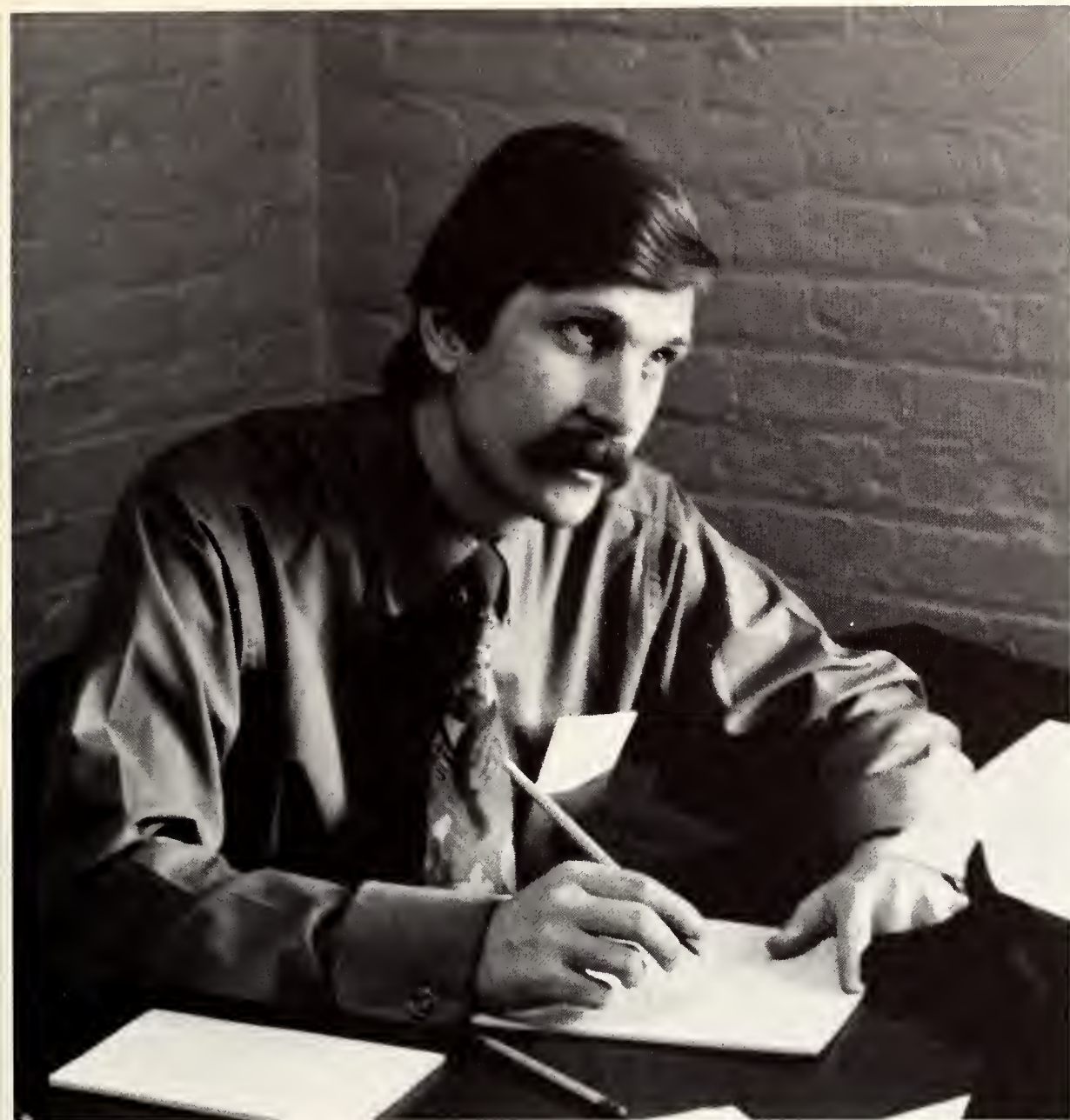


Paul Miller

Robert J. Packard



Mrs. Edna Borghi



R. Michael Fosburg



MATH



P. Willig



S. Tsakonas



R. Pinkham



J. Crabtree



S. Bloom



D. Patterson



J. Harris

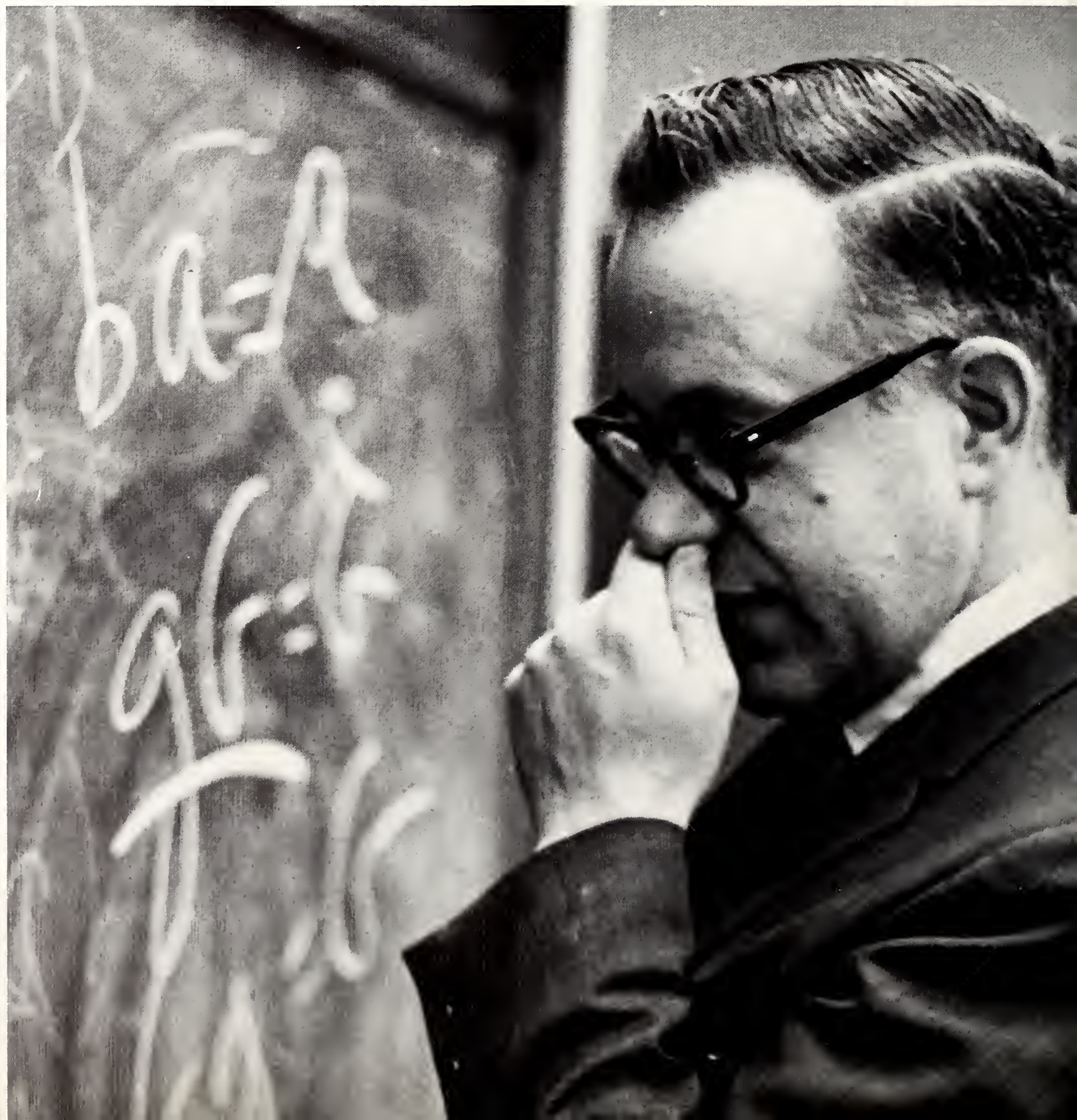


M. Kascie



R. Gilman

Joseph F. Manogue





Ainsley H. Diamond



Roger S. Pinkham



R. Fien



Carl Kirshen



Elizabeth Menge (Sec.)
and Prof. Santa Pietro



Lawrence E. Levine

MECHANICAL ENGINEERING



G. Michalec



H. Yogoda



H. Alexander



L. Kurylko



C. Pecker



H. Woodhouse



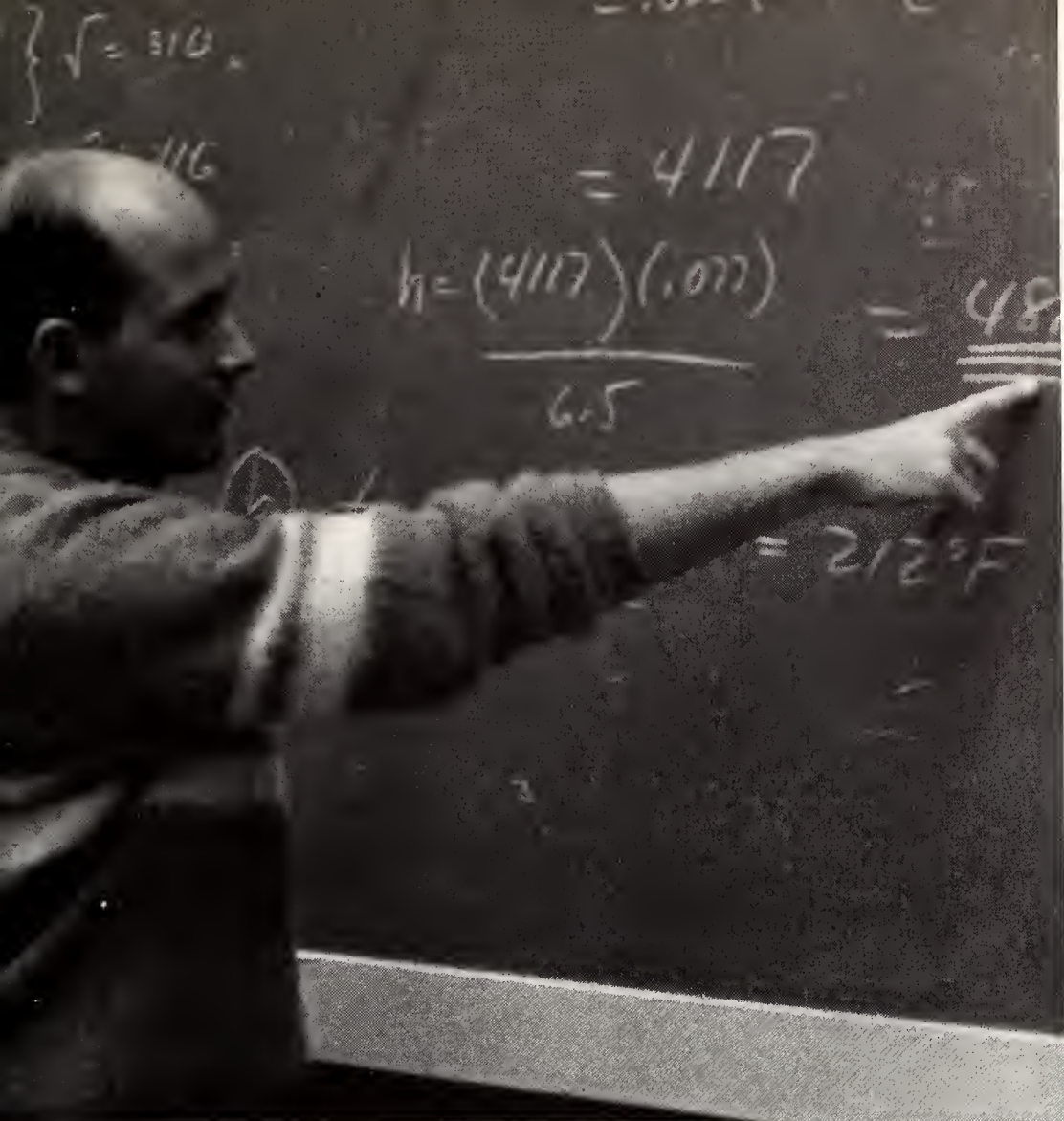
E. Bales



B. Livingston



Anthony J. Chang



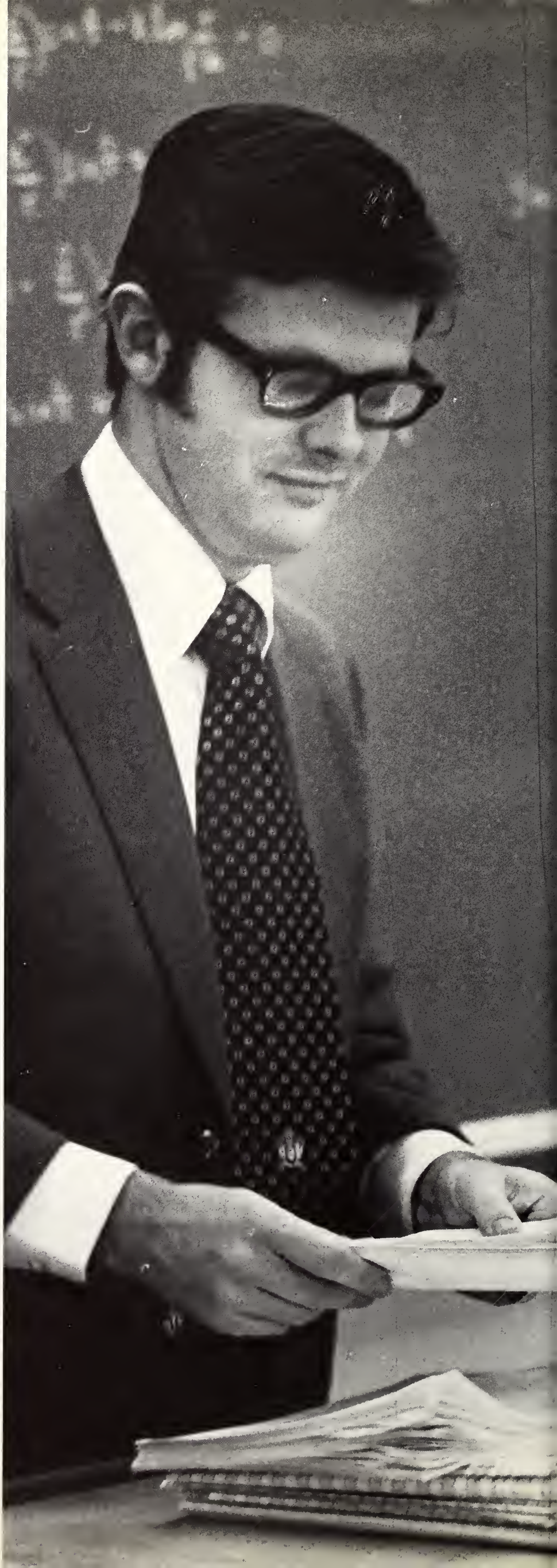
Richard S. Magee



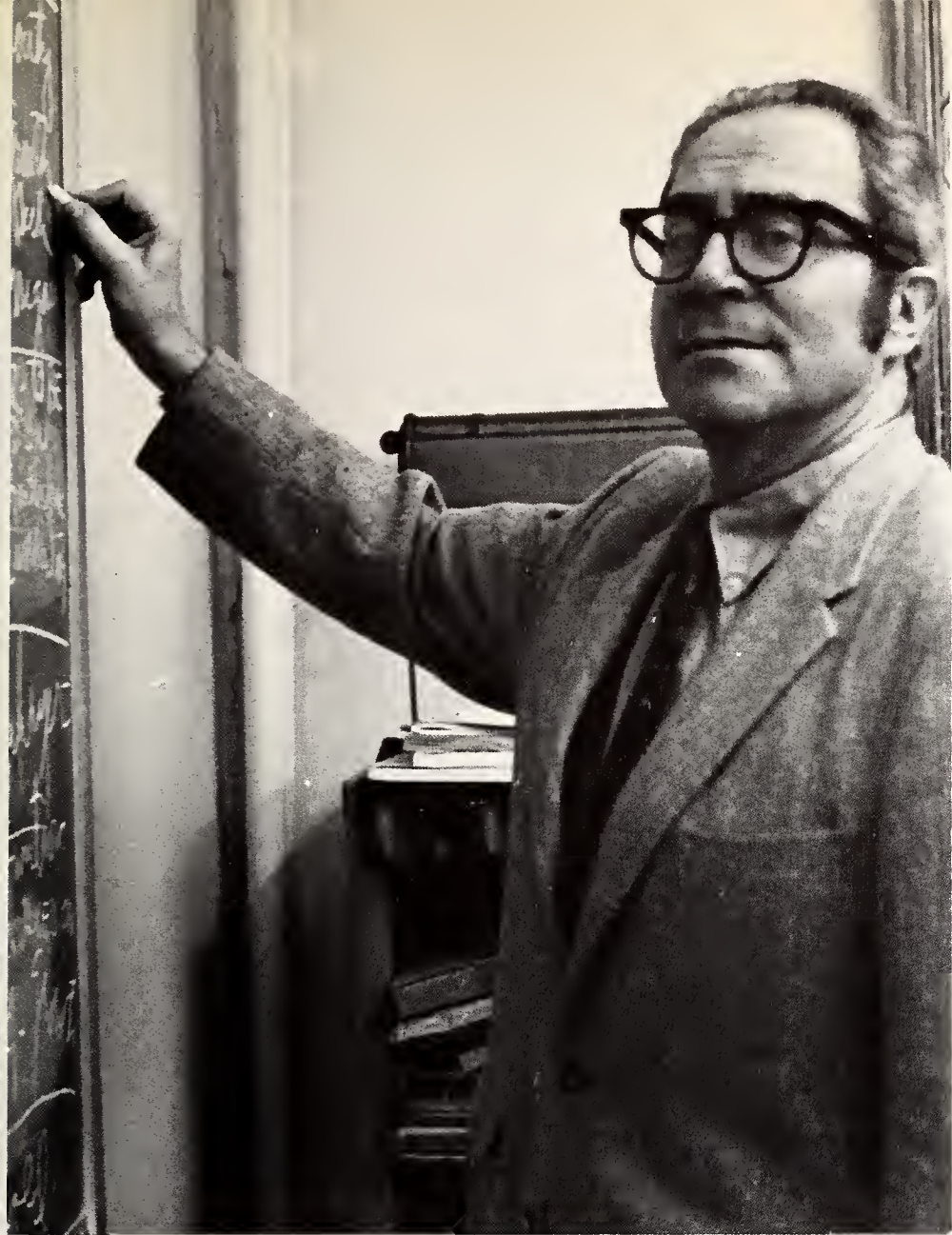
James H. Potter



Myron L. Cohen



George R. Nice



Sidney F. Borg



Richard J. Nickerson

METALLURGY

Theodore Gela



Rolf Weil



Milton Ohring



Cedric L. Chandler



Alfred Bornemann



Captain M. Rupeley



AEROSPACE STUDIES



Captain Lee V. Fritze



Colonel Donovan K. Bowe (Sitting)

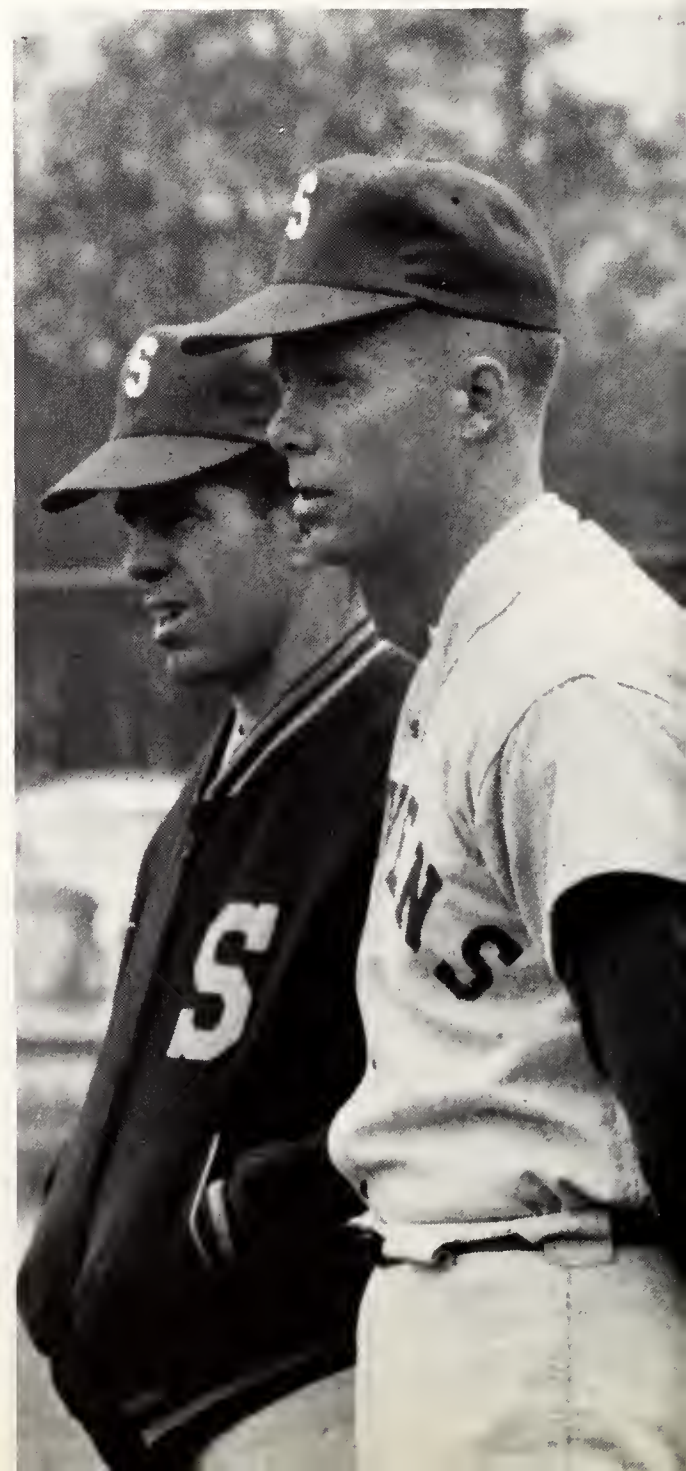


Captain David G. Hiester



Frank J. Partel

Frank J. Rotunda



Frank Misar, Head

Coaches Wittaker and Lyons

PHYSICAL EDUCATION

Irvin P. Seymour



Coach Kirmss



Rudolf Voigt and Coach Singer

Student-Teacher Relations

(continued from p. 127)

Pollara: No, I do not feel that it's implicit in the teaching function to deal with students on a personal level. It does not mean that one doesn't take a human interest in his fellow man. What I do mean, however, is that simply because a professor is expert in thermodynamics or in quantum mechanics, that does not make him automatically expert in resolving other peoples' problems. If a student by his own choice seeks me out, and of his own volition speaks to me of his personal problems, then obviously, as a human being I will take an interest in helping him, but I do not believe that it is my responsibility as a teacher. I do not think it amiss to say that I have some knotty problems of my own which I am presently working on. The probability that I will resolve them is rather low, but I do hope that I have some years left in which to untangle them.

Link: Do you like the idea of a student review board and the faculty evaluation.

Pollara: We're talking about two different ideas. Faculty evaluation on what?

Link: Well, they are going to evaluate on teaching ability.

Pollara: On teaching ability? I do not think that teachers can be ordered or characterized on their teaching ability. You must appreciate that what may be an acceptable teacher to an excellent student, may be a poor teacher for a dull student. I am not so much concerned with so-called teacher evaluation, but I do feel that students must have a method or a procedure for letting it be known when they feel that a teacher, a particular teacher, is ineffectual. I really do feel that students can in a rough and ready manner classify professors in two large categories. We should not be overly concerned with the fine structure. Nevertheless, I do agree that when students find a particular professor to be ineffectual or antagonistic, or offensive they are well in their rights in making their feelings known. Furthermore, I feel that those in authority are obligated to investigate and to consider the students' complaints and steps must definitely be taken to resolve the difficulty. It takes a great deal of experience and wisdom to resolve these difficulties. I believe, however, that most students are not aware that these procedures are constantly operative. I sincerely do not feel that teacher evaluation as is generally interpreted would do very much to solve this difficult and intricate problem.

Link: But take this over a large number of students, can't you tell in general which professors have the ability to induce large numbers of students to learn?

Pollara: I see that you are still driving at the problem of teacher evaluation. Well, I agree that many people can agree in a qualitative sense, but I repeat what I said before. It is not important to classify professors which the students consider good, what is important is to obtain relief from professors which students consider ineffectual. There are better ways than teacher evaluation in the accepted sense for doing this. You seem to forget the teacher evaluation is an ill defined tool with many edges. In the hands of the innocent or the malicious many people can get hurt and they all may not be professors. Now responsible people have to be care-

ful of the consequences of their actions, that goes for students as well as professors, furthermore, people who have an education such as yours know that simply by voting and taking averages you don't necessarily arrive at the truth. For example, if you want to kill a bird that is sitting on a fence you can't take one shot six inches to the right of him and another six inches to the left of him, then take an average and consider the bird dead. Nor can this institute or any other institute afford to chop and cut every time the students decide to vote. It is an unhappy fact that we can't get rid of distasteful parts of life simply by voting and legislating. I understand that one of our U. S. senators introduced a bill to round off pi to an even three. He was tired of all the little children in his state having to use the cumbersome 3.1416. To my mind teacher evaluation would add another weeping wall to the many that already exist on the campus. I certainly agree that there are some student and some professors who have difficult and perhaps and even unresolvable problems. They certainly need help. Perhaps, professional help. Nevertheless, we must be careful not to have an excess of professional listeners and professional consolers among us. I know people who unless they are consoling someone are very unhappy. They are miserable unless they are commiserating with someone. At times one must invent fictitious problems for them to solve in order to cheer them up. These people should be avoided like the plague. By the same token, we must not invent devices and procedures that would increase the natural abundance of bitching circles. It is my personal opinion that we have sufficient faculty committees, student committees, student secret societies subterranean channels. I don't think that many more of these devices would do us very much good.

Link: Would you agree that the administration tries to pass the buck and for this reason they don't do very much good?

Pollara: Well, they become ineffectual because they dislocate responsibility. Responsibility and power should be located in the same body. Furthermore, they create a false sense of democracy. In my mind democracy does not have as its final goal getting everyone involved in busy work. Furthermore, many of these committees and organizations create more problems than they solve. It is a part of wisdom to know which problems need to be attacked vigorously and which problems should be ignored, because some problems will disappear on their own. If we insist on verbalizing and formulizing every petty annoyance we get ourselves into arguing how many angels can dance on the head of a pin. When a great number of people have to live together and work together for a common cause, we don't have to turn petty annoyances into obsessions.

Link: Getting back to your statement you said that course evaluation would prove helpful in improving a course. To my knowledge there are no teaching courses required before a man can teach at Stevens. Couldn't teacher evaluation, as feedback, improve a person's teaching?

Pollara: Yes, I said that course evaluation could possibly help an instructor improve his course. You don't seem to differentiate between course evaluation and teacher evaluation, whereas, I do. If a professor receives from each student a one page essay relative to his course, I think that it could be of some use. This is extremely different than having students respond to standard questions on a standard form relative to the professor's teaching ability, by the way, do you think you would find more so called good teachers in a teacher's college than you find in an institute such as ours.

Link: I don't know. Well, if they're not, there must be billions of dollars being wasted each year.

Pollara: In fact, there is absolutely no doubt about it. The government and its agencies keep sending these teachers to us.

Link: For what?

Pollara: To learn!

Link: To learn what?

Pollara: To learn material because they learned all about teaching.

Link: Isn't it a farce, in order to be a good teacher a person must know how to communicate the material as well as know the material.

Pollara: Generally, if you know the material, that is if you know its internal structure and connections, furthermore, if you know how it's connected to other material, you won't have too much trouble communicating it. How you communicate is largely a matter of style and personality.

Link: I think communication is a large part of teaching.

Pollara: What does communication mean to you?

Link: Communication is more than just putting the material on the board.

Pollara: There are certain words which receive such hard usage in our daily conversation that their meaning wears out. There was a time when a word dialogue had a rather definite meaning. Now (a days) it means that every jackass and his sister has the right to make you part of his captive audience. The concept inherent in the work ecology has already been stretched to include garbage collection soon it will include bad breath and halitosis and someone will try to advertise mouth washes on the head of it. As to communications I personally feel we have too damn much of it as it is. Look at the top of my desk. It is constantly cluttered with communications. I need an assistant to do my thinking for me which I spend most of my time communicating. This as you probably know is a simian world, mostly filled with chatter.

Link: When a professor puts a formula on the board, a student says he doesn't understand what this formula means.

How does a professor get across to the student what this formula means? Is it through personality?

Pollara: Mostly formulas are mnemonic devices to summarize a long chain of reasoning. I hardly think that professors put formulas on the board and then proceed to explain their meanings to students. Please do not minimize the effect of personality in the relationship between student and professor. When a student complains that he does not understand, a mature professor quickly, by virtue of his experience, assesses the nature of the complaint. The complaint may be valid or fictitious, it may be calculated to waste time. There are many, many reasons for saying that you don't understand. Most of the time the professor will assume that the complaint is justified. He then must assess whether the misunderstanding or the lack of understanding is due to his own presentation or has its origin in your previous state of knowledge. At that point he must decide as to whether to repeat the argument or reroute his chain of reasoning. He

may alternatively decide to keep you in abeyance for the benefit of the remainder of the class. It is a very complicated process and each professor has his own style and attitudes. Please remember, however, that often his style and attitudes depends on the nature of the class. I do agree that under the constant pounding of the belligerent class a young instructor not altogether sure of himself can become bellicose. It is not uncommon when a class has a young instructor on the run that everyone loses his sense of humor.

Link: Those are generally the professors that don't know what they are talking about.

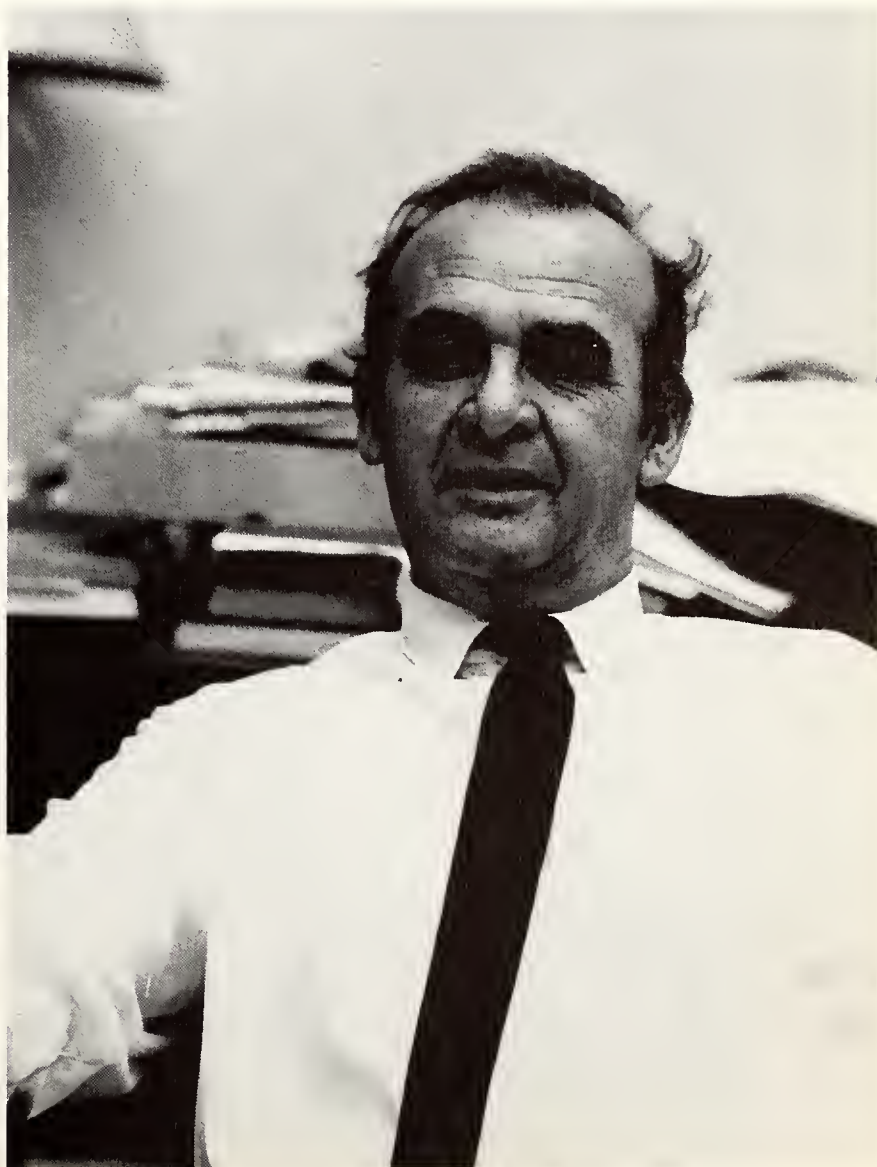
Professor (agrees with Al's statement)

Pollara: Even when a professor knows what he's talking about he might find occasion for getting firm. Every once in a while several students in a class decide that they want to test the strength of their horns. I find nothing essentially wrong with this attitude, in fact, in the hands of a good professor it can have some good beneficial aspects. However, the classroom cannot constantly be an arena with most of the students as spectators, but I do agree it should not be a funeral parlor either.

Link: That sense comes through experience.

Pollara: Yes, it's a matter of the interaction of experience and personality. For better or for worse it constantly evolves as the years go on. Fortunately, I have never or seldom been in a mongoose-cobra situation relative to my class.

I've enjoyed this interview. Is this an example of what you mean by student-teacher interaction?



PHYSICS



E. L. Koller



R. Schiller



J. L. Anderson



G. Schmidt



G. L. Yevick



J. G. Daunt



H. W. Meissner



W. E. Carr



G. M. Rothberg



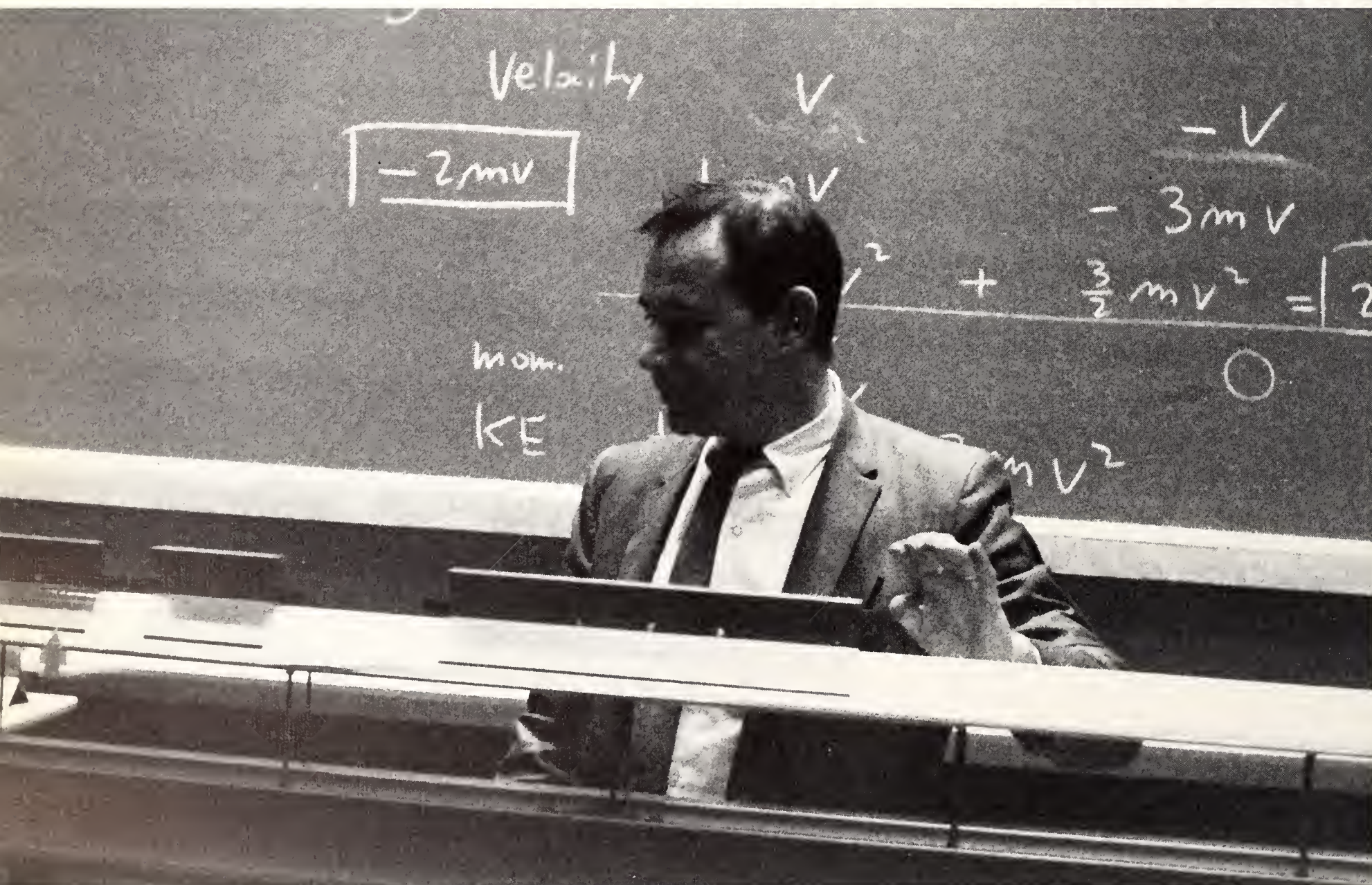
H. Salwen



S. Taylor

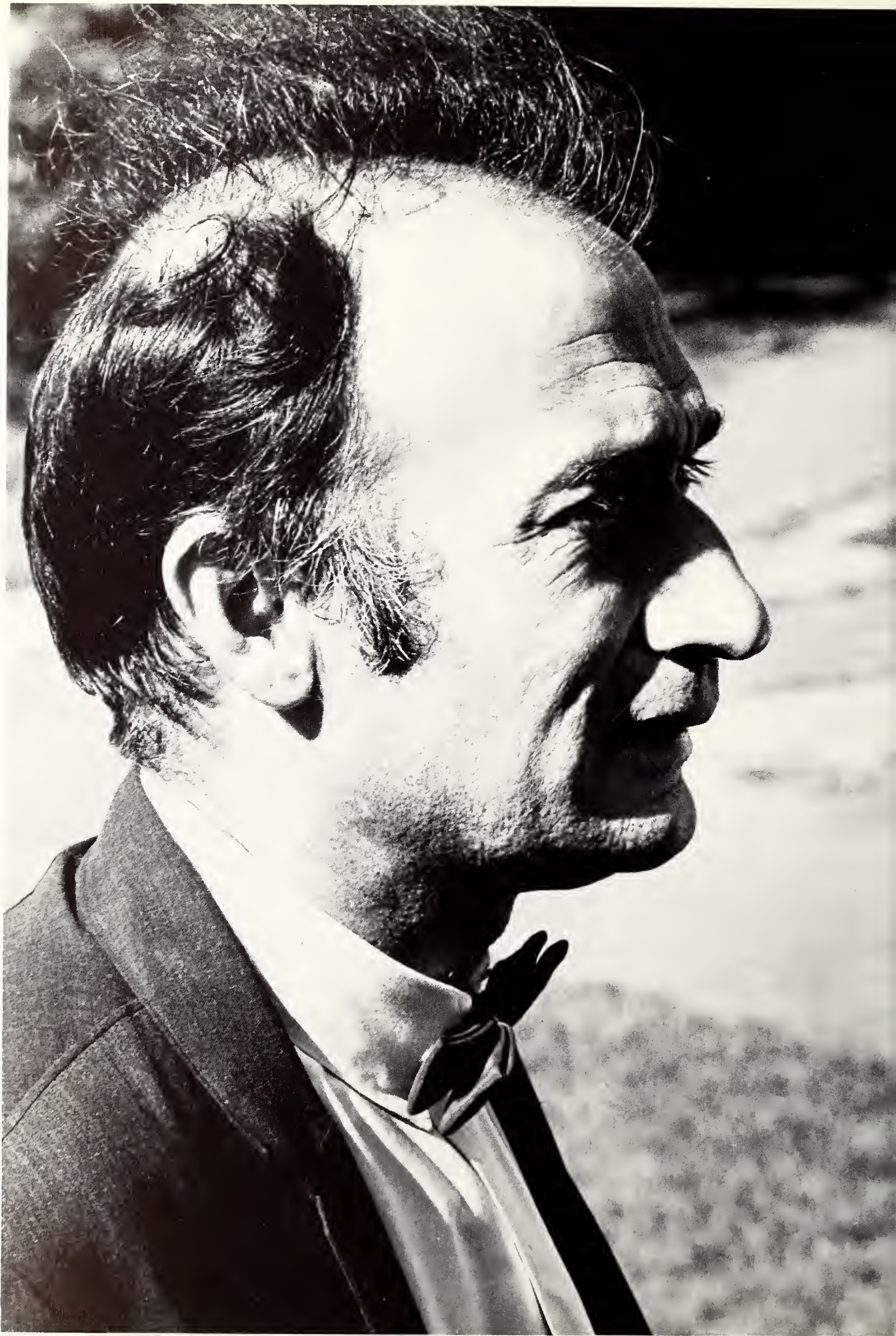


M. Seidl

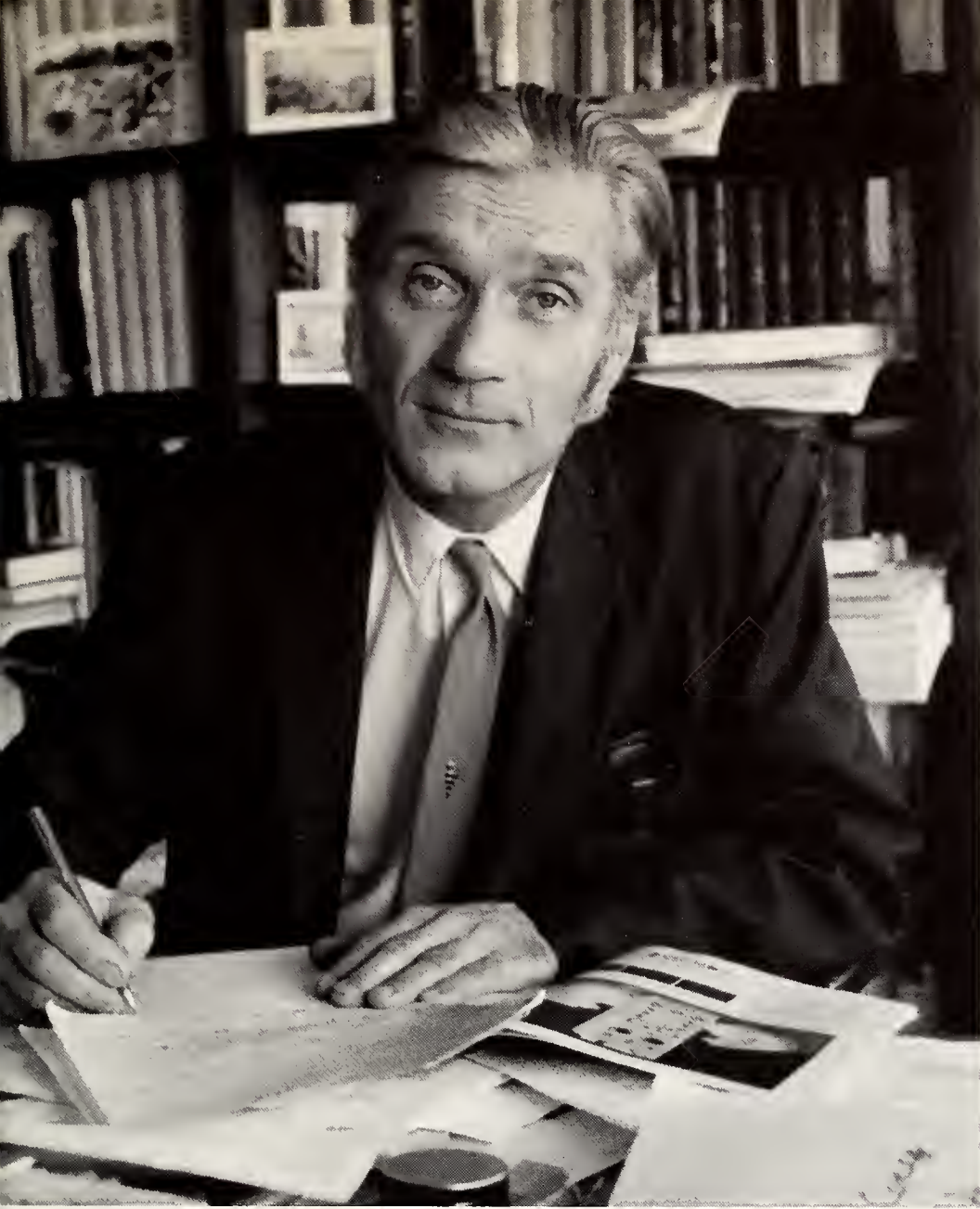


Harold Salwen





George J. Yevick



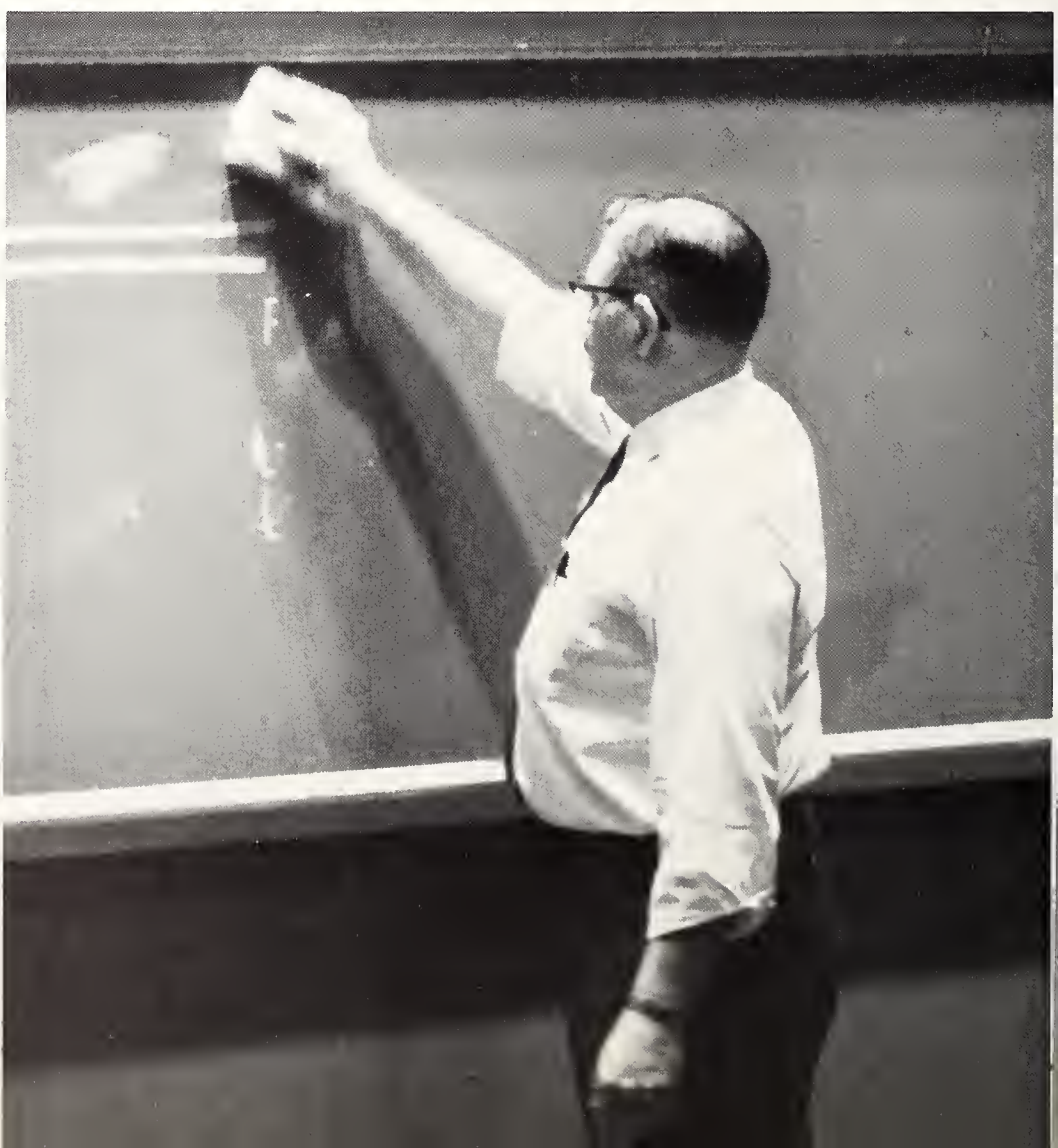
Winston H. Bostick

I. Richard Lapidus





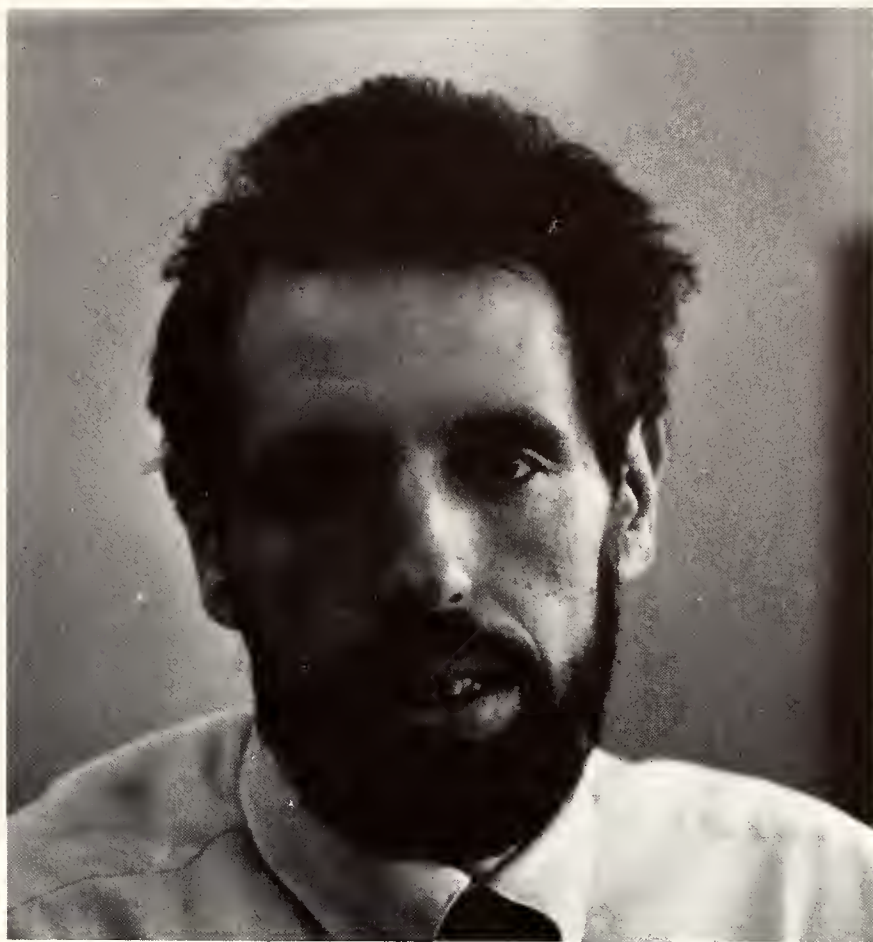
Hugh W. Byfield



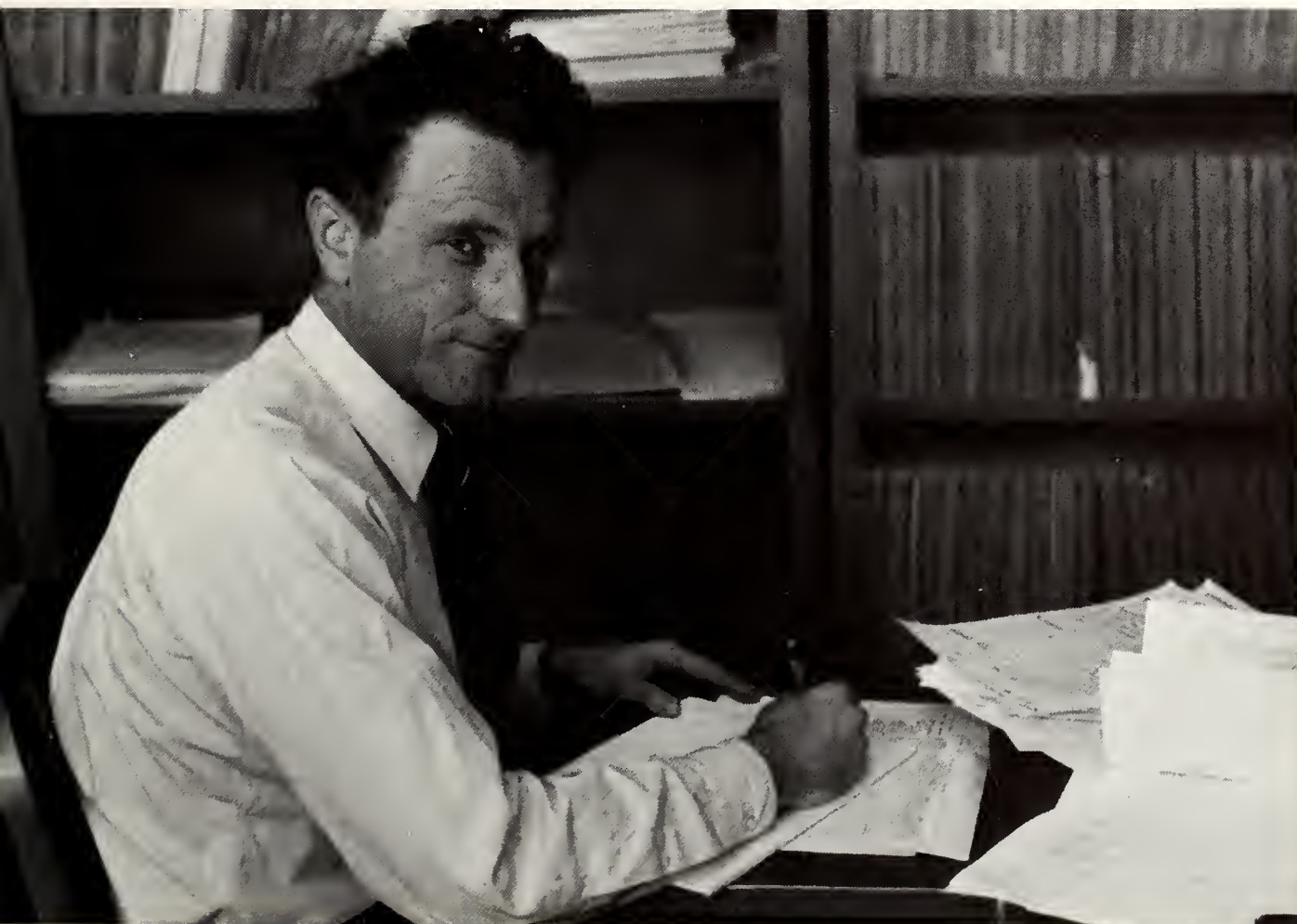
George



George J. Yevick

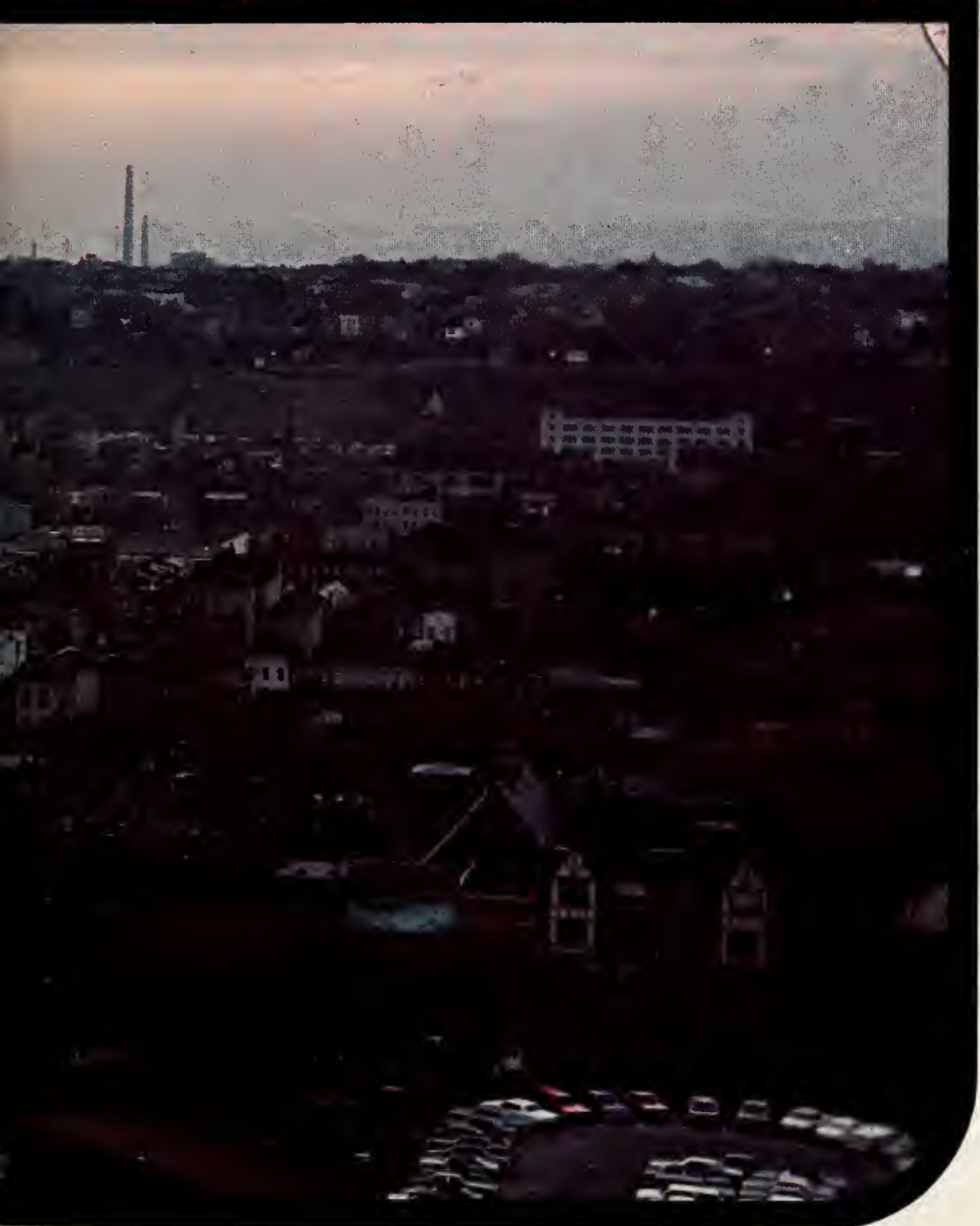


Menasha J. Tausner

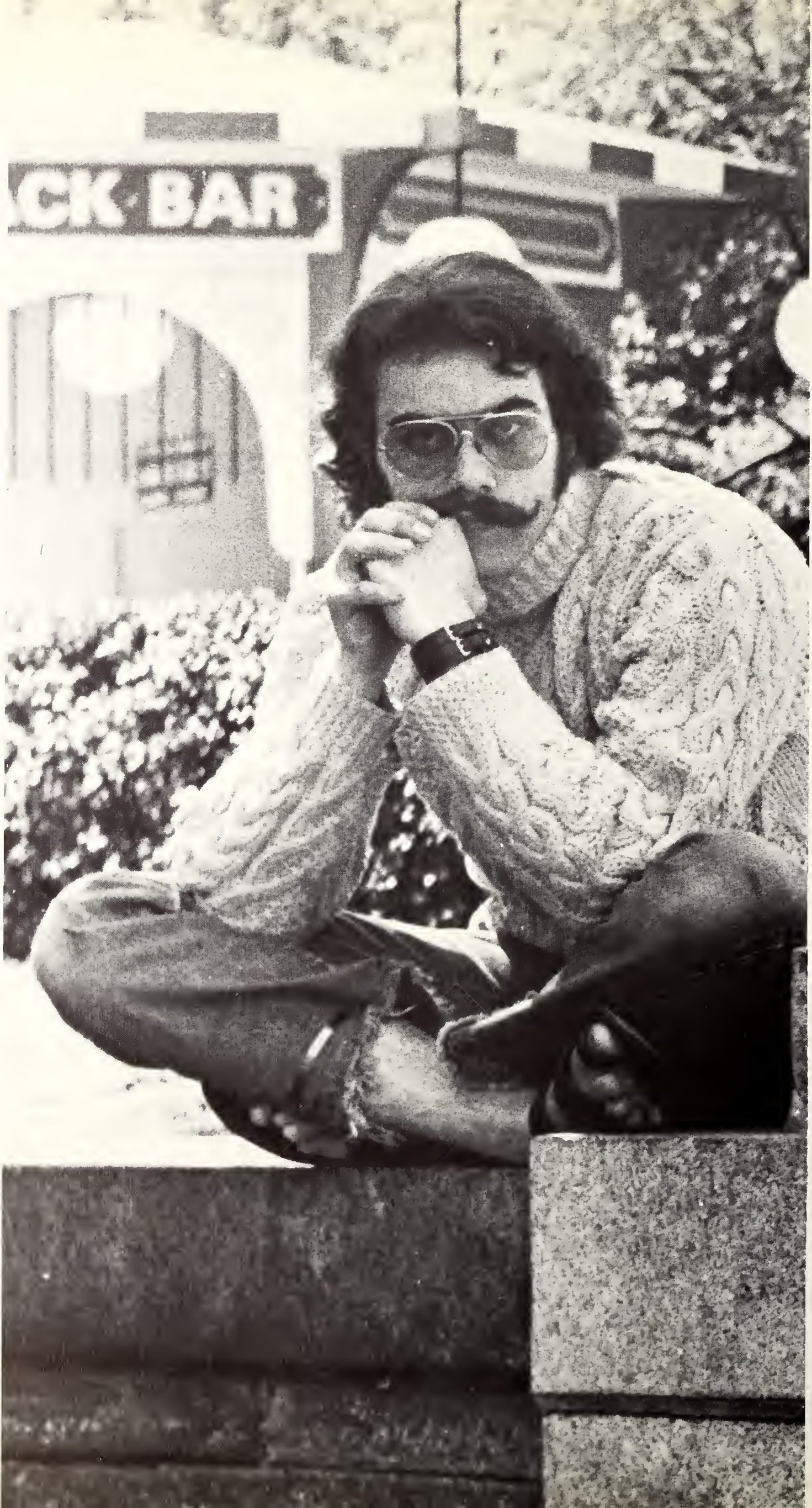


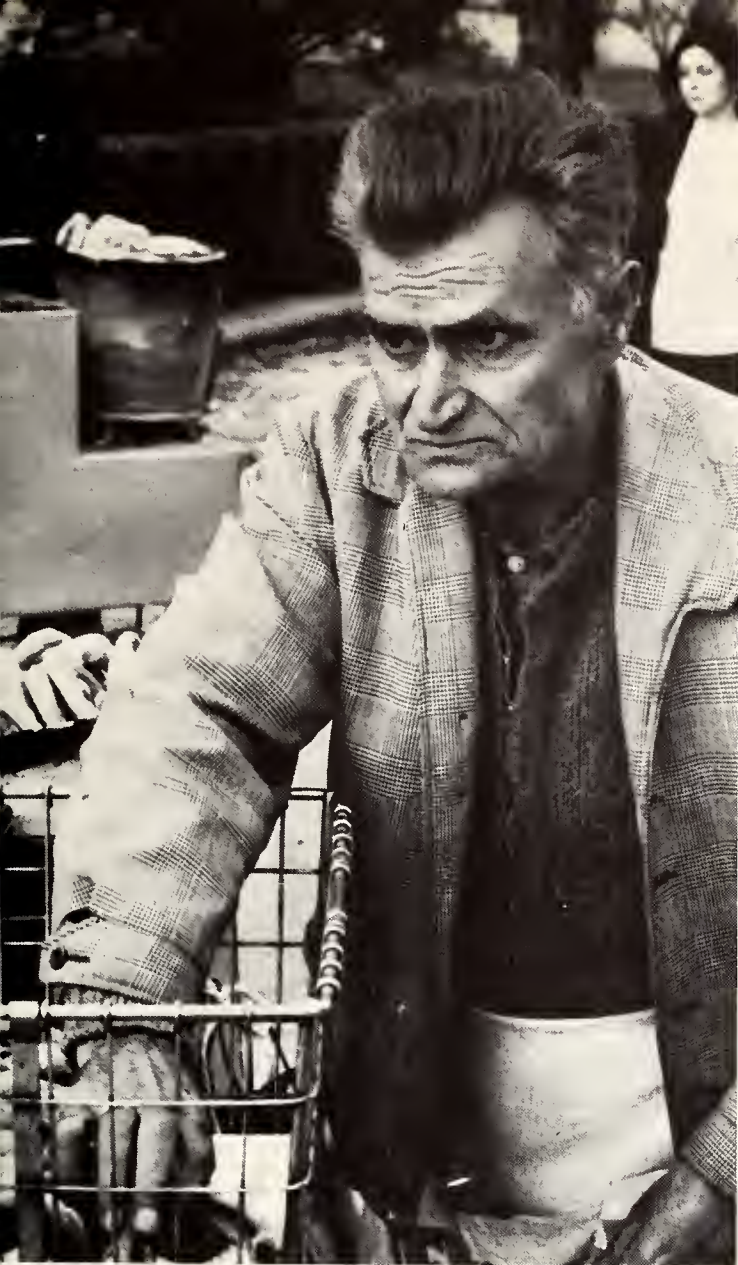
Ralph Schiller



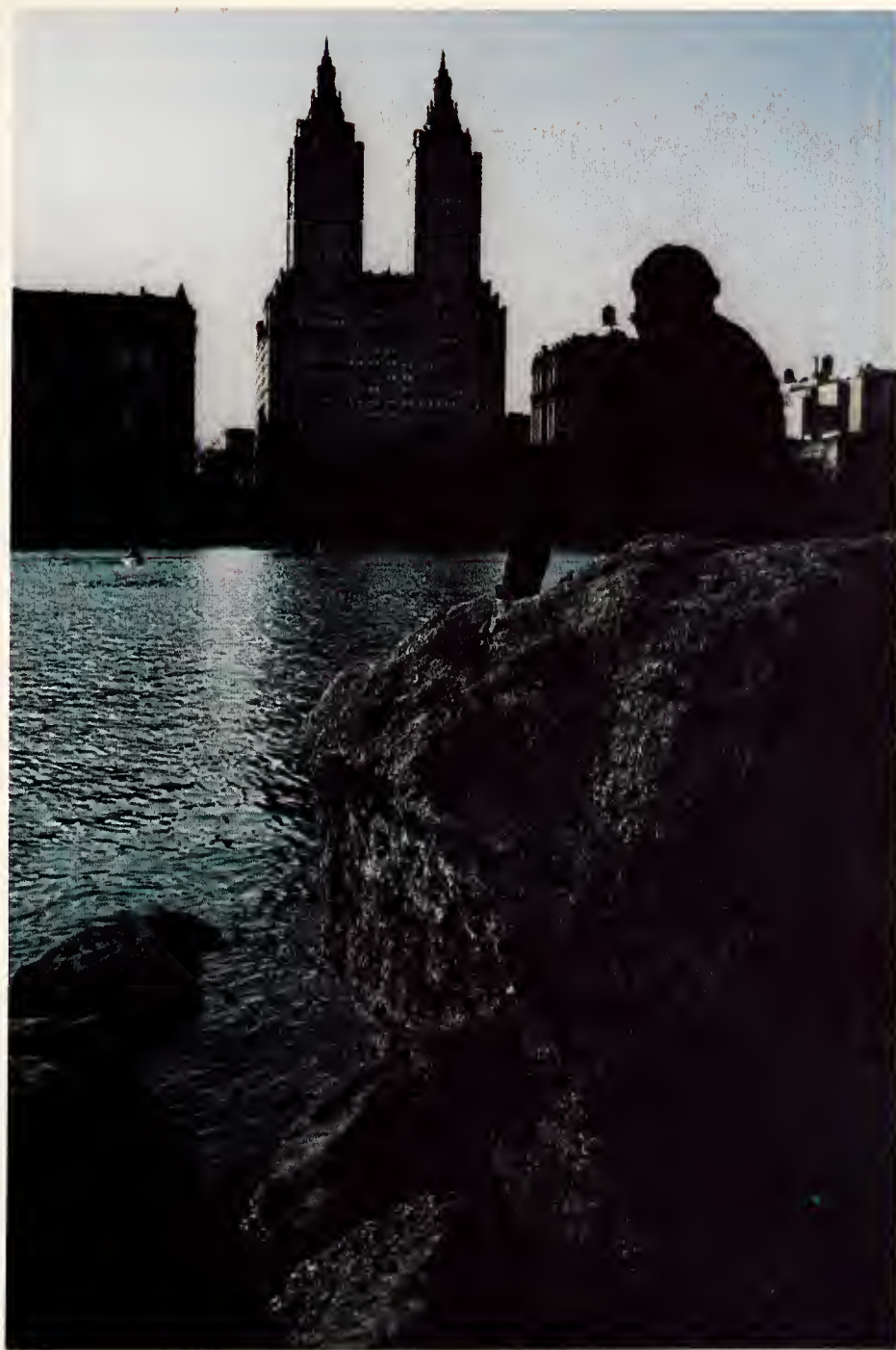


THE VIEW
FROM
CASTLE POINT













Invest!
IN
HOBOKEN
"The Miracle Mile"
HOMES · BUSINESS · INDUSTRY

MAYOR
LOUIS DePASCALE
AND
City Council

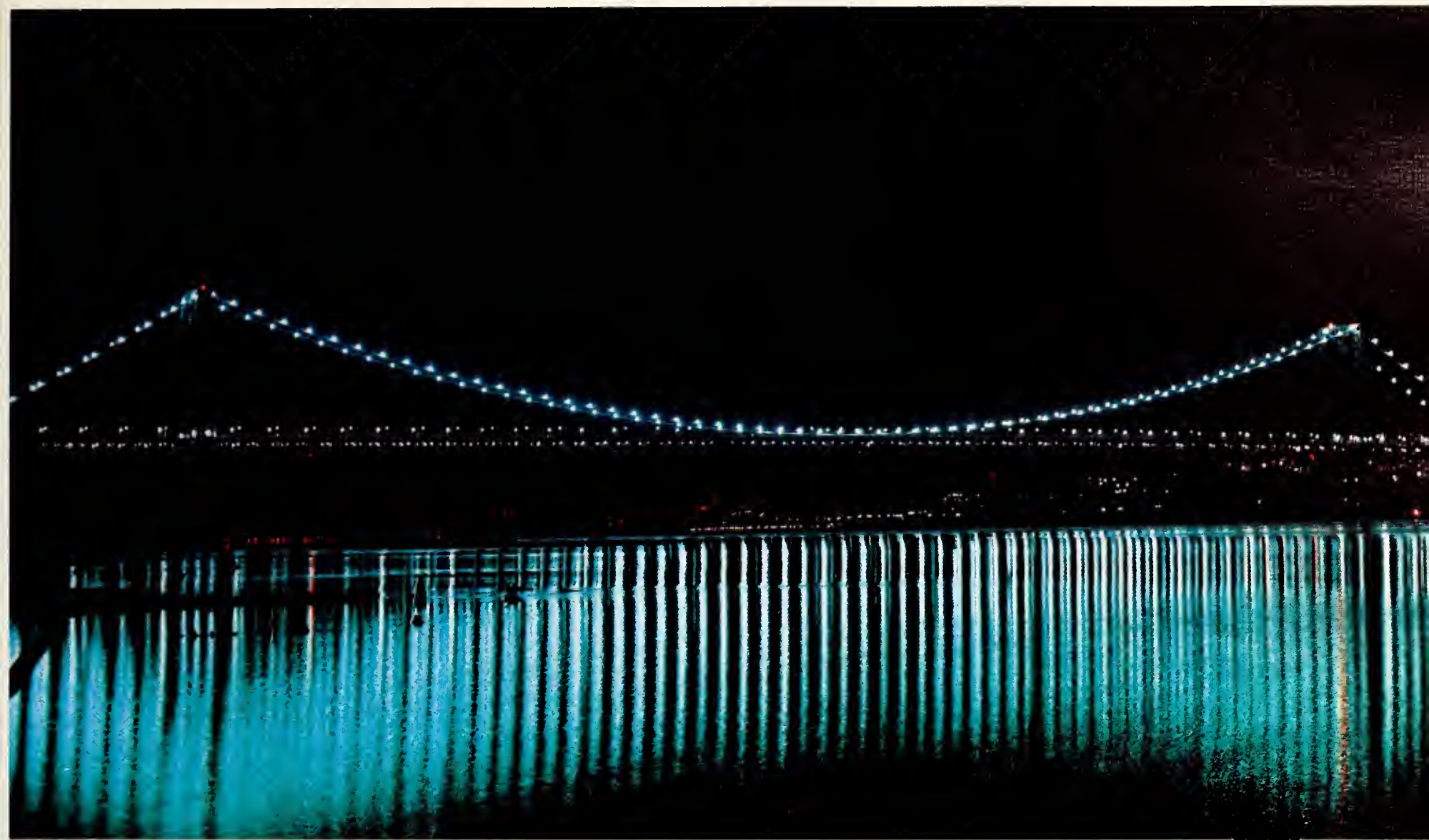
















SPORTS

In the early days of Stevens, Hoboken was the principal athletic playground for youths and men of the Metropolitan Area. The Elysian Fields, situated along the Hudson, north of 11th Street, attracted players and followers of contests in great numbers.

This was the home of big time baseball, both professional and amateur, and for several years, the site of the final football games of "The Big Three."

The nearby "St. George Cricket Grounds," besides attracting devotees of that sport, provided room for track and field games, tennis, football, and lacrosse.

It is understandable then, that this environment as well as the exuberance of youth should stimulate activities in athletics at the new college.

Baseball, started prior to 1873, was rapidly followed by football in that year, and by the Stevens Institute Rowing Association, later becoming the Boating Association also in 1873. The Stevens Athletic Association organized the same year, held its first "Meeting," in 1874 and continued through many years, the Spring meeting becoming an annual event. These affairs consisted of various tests of skill and strength such as running and walking races, jumping, throwing, baseball and lacrosse ball, similar to our present track meets.

One can imagine with all this activity, the maintenance of successful football, and baseball teams (in 1873 Stevens had 75 men from which to choose), that the bounds would soon burst.

In 1877 the present auditorium was fashioned into a gymnasium, the "Cricket Grounds," were improved and we were off with new impetus.

Lack of an instructor, interest, and support of this gym, saw its closing in 1880, while lack of competition in its class, resulted in the end of the Boating Association in 1878.

Athletics continued to be relatively vigorous in the eighties. The new endeavors included the formation in 1882 of the Stevens Yacht Club, and the Stevens Bicycle Club, both of which enjoyed intermittent activity during the next several years. Then in 1885 a Lacrosse Team was organized, a sport that has fitted the capabilities of the State to support ever since. Tennis was also gaining some attention in an informal way.

Meanwhile, baseball and football were strongly supported by excellent material and the records show Stevens more than able to hold its own among the smaller neighboring colleges while furnishing plenty of stiff competition in the football "warm up," games with the "Big 3": Yale, Harvard and Princeton.

During this period Stevens recorded, perhaps the largest football score ever made in a college game, when C.C.N.Y. was defeated 101 to 0. Stevens was also probably the first team to use the once famous "flyingwedge."

Significant is the account of one famous athlete of the eighties, who estimated that the demand

on the students time and the rigors and the curriculum had not reached those of later decades. Athletics had opportunities therefore to flourish. Guarantees furnished by opponents visited, particularly in football, also seemed to keep the Athletic Association's budget in fair balance.

In the eighteen nineties after a brief and informal fling at fencing, Bowling and Canoe Club activities all in 1889, a Gun Club in 1892, a Tennis Club in 1895, a Hockey Team and Equestrian Club in 1897, and a Golf Club in 1899, Stevens was keeping up with the times in the scope of its Athletic endeavors. The famous "Meetings," engendered the formation of track teams and pursuit of intercollegiate honors.

During this period, Stevens Lacrosse flourished with championship teams in 1892, and 1894, and several championship quests were "near misses." Football carried on about as described in the eighties, but budget balancing was not so successful and in '92 and '93 the S.A.A. found itself able to allot only meager funds for the support of Varsity baseball. It devolved upon the players themselves to provide their own equipment and even to pay their own traveling expenses to play out of town games. In spite of such handicaps, the records in games won were excellent. In 1894 baseball was abandoned as a varsity sport.

Two highlights of interest marked this decade. Cummings '95 was the first baseball catcher anywhere to throw to bases without removing his mask! In 1898 Scott '98 invented the Lacrosse goal net, universally adopted shortly thereafter.

Squad members were under many handicaps with the more and more vigorous curriculum being introduced. Scant facilities at the "Field House," almost required that uniforms be donned at one's abode, thence to the Cricket Club grounds, loaded with gear and back again after practice.

Before the turn of the century, the paid coach was almost unknown to Stevens' teams. The Captains arranged the schedules, planned the strategy, did the coaching of both, individuals, and teams, all in addition to player duties and the maintenance of scholastic standing.

The first decade of the twentieth century found athletics in a flourishing condition. Paid coaches became the rule for both football and lacrosse, and excellent teams were developed, considering the facilities available. The "National Game," would no longer be denied and even tho' not achieving, at once, the rank of either of the other major sports, our baseball teams gave good accounts of themselves, and built the foundation for the indefinite continuation of this great game.

In Lacrosse, we were always with the topnotchers. In football, we continued to provide determined "warm up," games, for some of the "football greats," and fought opponents in our own class making creditable records. Late in the decade, and carrying over into the next, specialization, and even suspected commercialization of college sports made their effects apparent with engineering schools finding it impossible to keep abreast of some other institutions of learning.

In the year 1907, Castle Point Field and Field House was opened, marking the first big step in the assembling of an athletic "plant." Interest surely was at its height at this time and the response of the students was salutary.

With many of our former traditional opponents "graduating," from our "class," a determined and successful attempt was made to avoid the "warm up," role in the early football games by better scheduling, but without improvement in the records achieved. In lacrosse we maintained a high standard, and continued to play the topnotchers. Baseball also continued to enjoy fair success, while tennis waxed stronger, and entered intercollegiate competition.

In 1916, a metamorphosis took place in Stevens Athletics. The William Hall Walker Gymnasium was dedicated, and the department of Physical Education established, placing our coaching on a faculty plane. Director John A. Davis took the helm, organized a "crew," of excellent talent for conducting athletics in all branches, and once again we were on our way.

The class entering in 1916 seemed to be gifted with considerable athletic talent and the new set-up enabled the most to be made of it. The handsome gymnasium and swimming pool, permitted a Stevens invasion of the "Indoor Sports,"—swimming, wrestling, and basketball, only the last of which has fully survived the intervening years. Meanwhile, baseball and lacrosse, prospered, and football achieved unprecedented success, with the 1917 and 1920 teams undefeated, and the 1919 team finishing the season undefeated, united, and with goal line uncrossed. The 1917-18 Basketball team likewise was undefeated and untied.

Many changes took place in the nineteen twenties, with lacrosse, baseball, basketball, and tennis enjoying continuous interest and support. Lacrosse under changed rules continued popular, a notable part being the trouncing of the combined Oxford-Cambridge team from England in 1926.

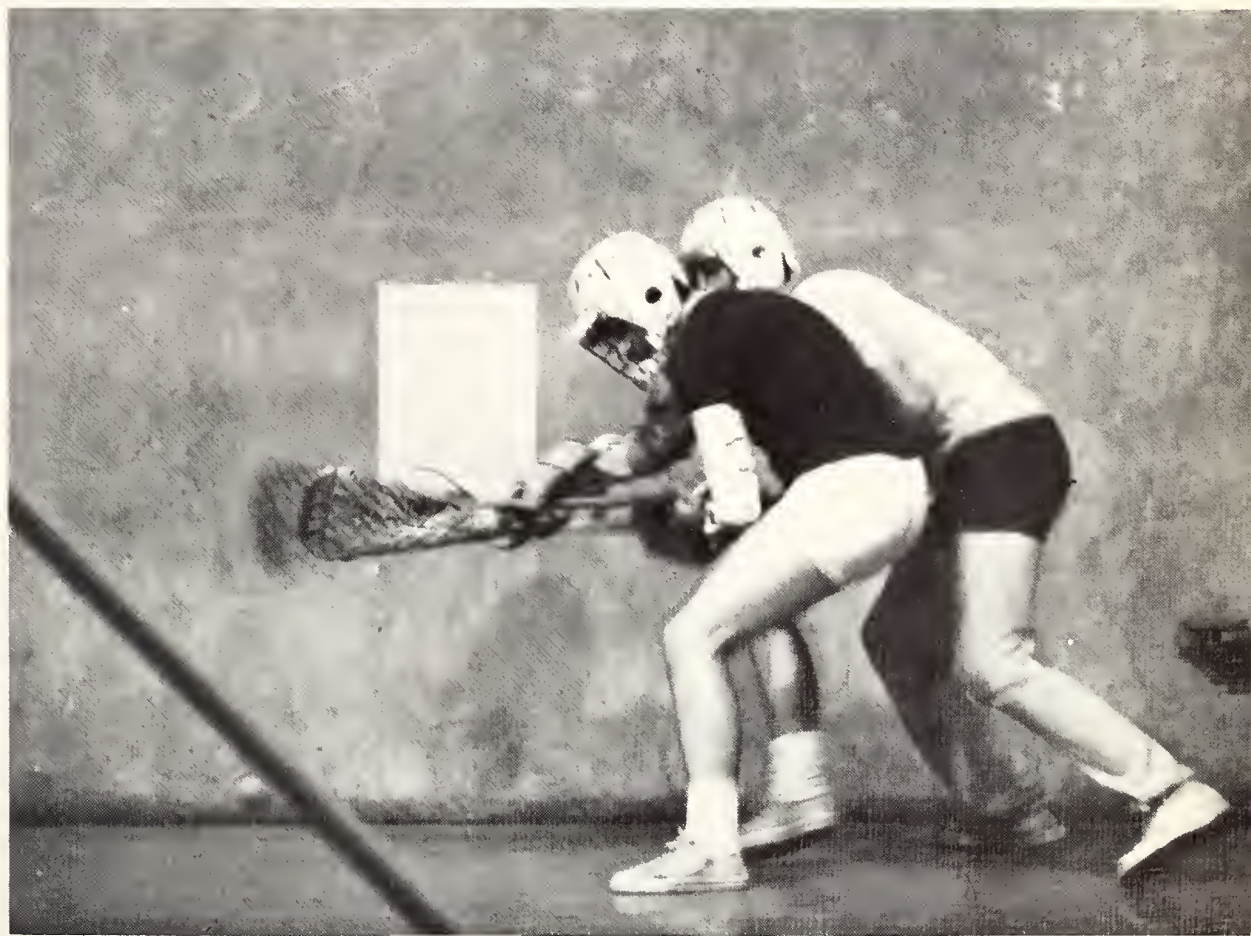
Baseball was very popular during this period, and Stevens put some fine teams on the field.

Basketball teams of this era were extremely successful and in 1928-29 completed a very successful season. Sport in this decade had its cons as well as its pros. Football was abolished in 1924, largely as a safety measure. Serious accidents due, in part, to lack of time for sufficient training and conditioning was the principal cause for this action. The same period marked the end of the wrestling and swimming teams.

Later, informal cross country running and intermural touch football were tried. Soccer was installed as a Varsity Sport in 1929, and carrying through the following decade with outstanding success. Teams of championship caliber were not uncommon.

The maintenance of the high standards and winning periods in baseball, lacrosse, and basketball also continued during the thirties. Greater student participation in Varsity as well as intermural and informal competitions gave eloquent testimony to the wisdom of the plan and of its execution by the Athletic Department.

by H. Segrave



“With our team upon our shoulders,
we’ll march the town around
Cheering again for dear old Stevens
With a band in front a-playing,
we’ll make the streets resound
Cheering again for dear old Stevens.

O’ Stevens forever! Hurray boys hurray!
Up with our banner, Bright Red and Gray,
While we rally round the team boys,
rally once again
Cheering again for dear old Stevens.”

Stute Nov. 10, 1905





FOOTBALL AT STEVENS???

Football was started at Stevens in 1873. From the very start our teams proved themselves by beating many of the best teams in the country. We played Yale, Princeton, Columbia, Harvard, Cornell, West Point, Dartmouth and Seton Hall. In 1885 Stevens beat C.C.N.Y. by a score of 162-0. This was the highest recorded score in football history. Stevens reached a peak in football when it put together three undefeated teams during a four year period. These undefeated teams were 1917, 1918, and 1920. The season of 1919 will perhaps be the best remembered because our team was not only undefeated but untied and no team crossed our goal line the entire season. Another first at Stevens was the use of the famous "flying wedge" which is now illegal in football today because of injuries incurred during its execution. Who else but Tech could come up with the flying wedge?

The student body suffered a great misfortune in June, 1925, at which time football was abolished as an intercollegiate sport at Stevens by action of the President and Board of Trustees of the Institute. At that time the following statement was given out:

"The authorities of Stevens Institute of Technology, after careful study and consideration of all the circumstances necessarily involved have decided finally that intercollegiate football must be abandoned by the Institute's students. This decision is due to the changes in football caused by the adoption of 'open play.'

"This change in the nature of the game has, with us, resulted in a large increase in the number of injuries to the players, a number of these injuries being of such a serious character as to threaten fatal results . . .

"... It may be here explained that all our students follow one full, fundamental course in Engineering . . . This program offers no opportunity for adjusting the course of study to the requirements of intercollegiate athletics and particularly to the extreme demands of 'open play football.' "



Well, Well, Well!
 Oh! Stevens Tech.
 You'll get it in the neck,
 When we march on the field.
 We'll win the day
 With fast and snappy play,
 To the scarlet again you'll yield;
 We'll smash your line,
 and run your ends,
 You'd better fade away.
 For Rutgers songs and Rutgers cheers
 Will sound your funeral lay.—Rutgers Targum.







HISTORY OF SOCCER

Soccer was installed as a varsity sport at Stevens in 1929. In 1931 the Athletic Council elevated soccer to the status of a major sport. It was expected that it would be a long time before Stevens would turn out a respectable team. Only three years later in 1932 our team went undefeated and surprised opponent after opponent. The following season the team started rebuilding but still maintained a good record.

The season of 1934 and 1935 mark the high point in Stevens athletic history. The soccer team recorded 15 straight victories, many of these shut-outs, and was rated one of the top teams in the nation. During this time Stevens had its first All-American—center forward Henry Wiegiers '36. Coach Misar was with the team from the very beginning and to him goes much of the credit for our teams great records.







This season Tech won 2, lost 8, and tied 1. However five of the losses were by only one goal, one of those games in overtime. The finest game our team had all season was against the #3 ranked school in the east, Drew. Stevens was winning at half-time 1-0, but Drew managed to come back and win 2-1. This gave them a record of 12-0 for the season; another noticeable fact is that Tech's defense held Drew to only 2 goals, the least they scored all season. Tech's performance in this game was best described by one of Drew's players, who said, "We're #3 and Tech has a bad record, but for 2 quarters, I thought we were playing the #1 team in the nation.'"

With only 2 players leaving and several good freshmen, Coach Singer is looking for another team that will always do its best to give a good performance and come out on the winning side.



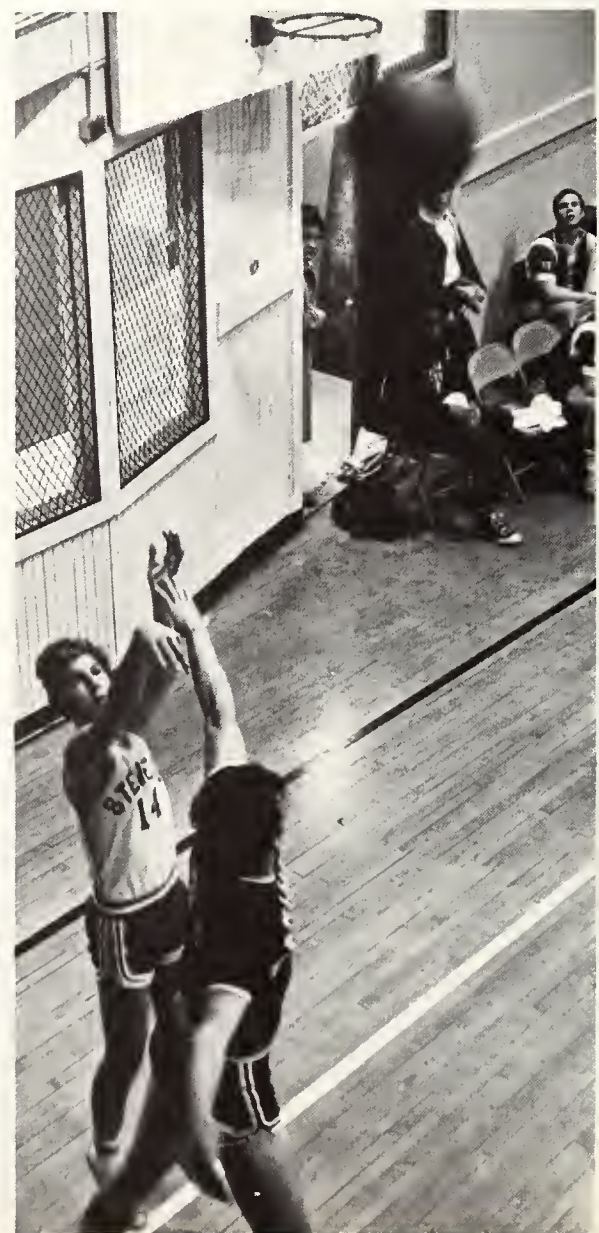




Coach John "Red" Lyon's basketball team enjoyed its finest season in four years. Led by the backcourt of Art Keltos (19 points per game average) and Jamey Burns (6 ppg.) and the rebounding trio of Art Durham (11 ppg, 12 rebounds pg.), Ron West, and captain Dave Tanis, the team came up with four victories against eleven defeats. A strong bench including sophomores Bob Davies, Dave Baden, and Jack Kessler did a great job in backing up the starting five.

High points in the season included a 74-72 double overtime victory over Brooklyn Poly in the season's opener and a 72-49 drubbing over New York Maritime. Tech also surprised everyone by taking second place in the NCE Christmas tournament.

With all but two of this year's team returning and the addition of Tom Cress, this year's leading freshman scorer with a 25 point average, next season looks even better.

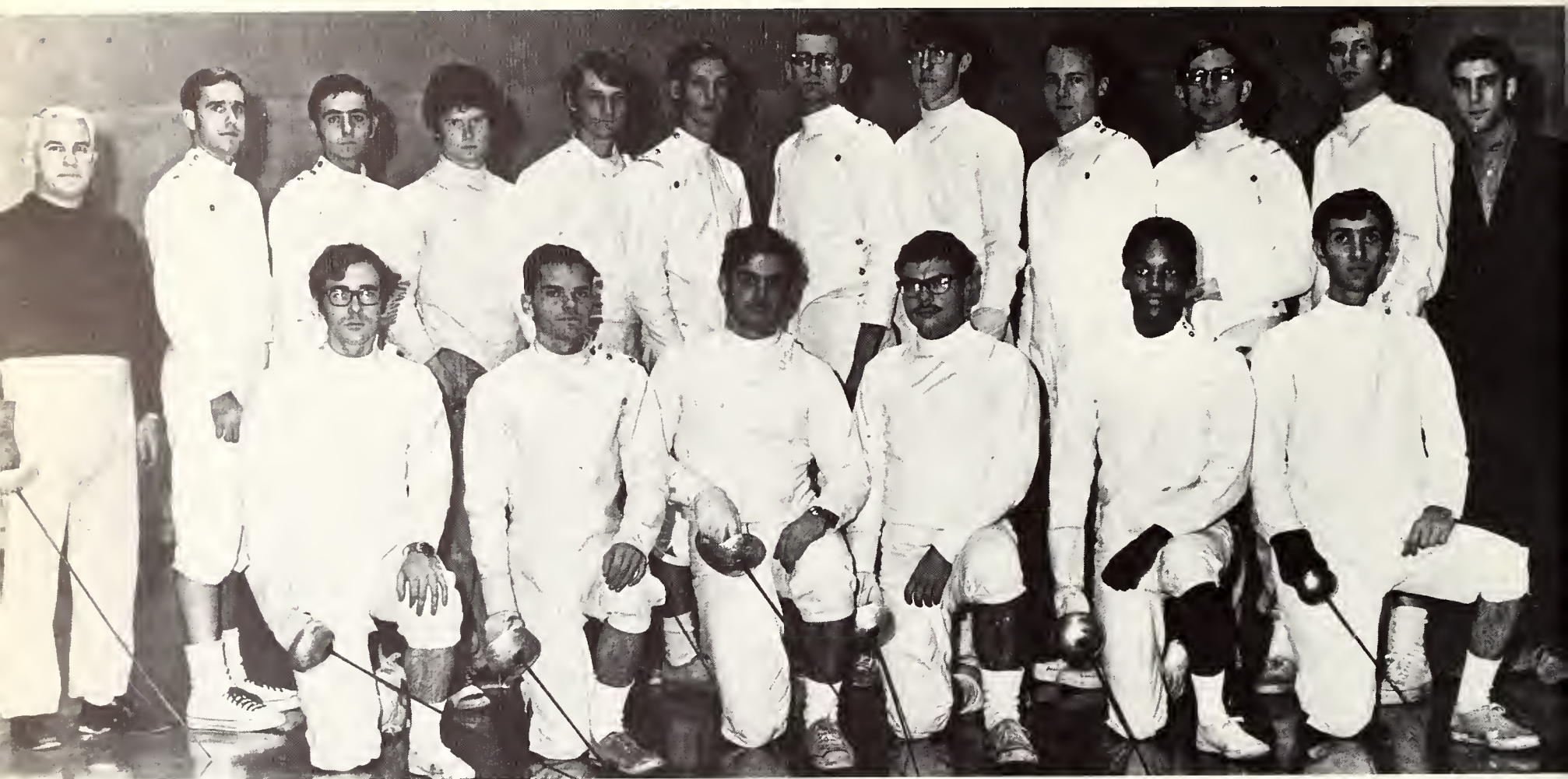




The first basketball team at Stevens was the class team in 1906. They only played high schools and the Y.M.C.A. Varsity basketball started with the opening of Walker Gym in 1916. The very next season, 1917, the team went undefeated and untied, a remarkable feat for a team only 1 year old. During the late 1920's Tech reached its basketball height with a 16-2 record in 1926 and a 12-1 record in 1928-29. Tech only lost to N.Y.U. that season which gave the basketball team a .93 rating in intercollegiate play. This rating was the second highest in the country. Imagine Tech being ranked #2 . . . ??







FENCING AT STEVENS

Compared to such 'All-American' sports as football, basketball, and baseball fencing seems rather unorthodox. Yet it was through fencing that Tech athletes have achieved intercollegiate recognition, no doubt more recognition than some of the 'bigger' sports at Stevens. Nor is fencing a newcomer to this campus; a fencing club existed here as long ago as 1889.

Though fencing instruction began in 1928, it was not until 1936 that Stevens entered fencing competition with various colleges and prep schools. As a matter of fact, the Tech-NCE fencing rivalry dates back this far; the results of the first two meets were 16-11 and 14-13, both in favor of Stevens. Official intercollegiate competition began in 1948. The record of the first season was:

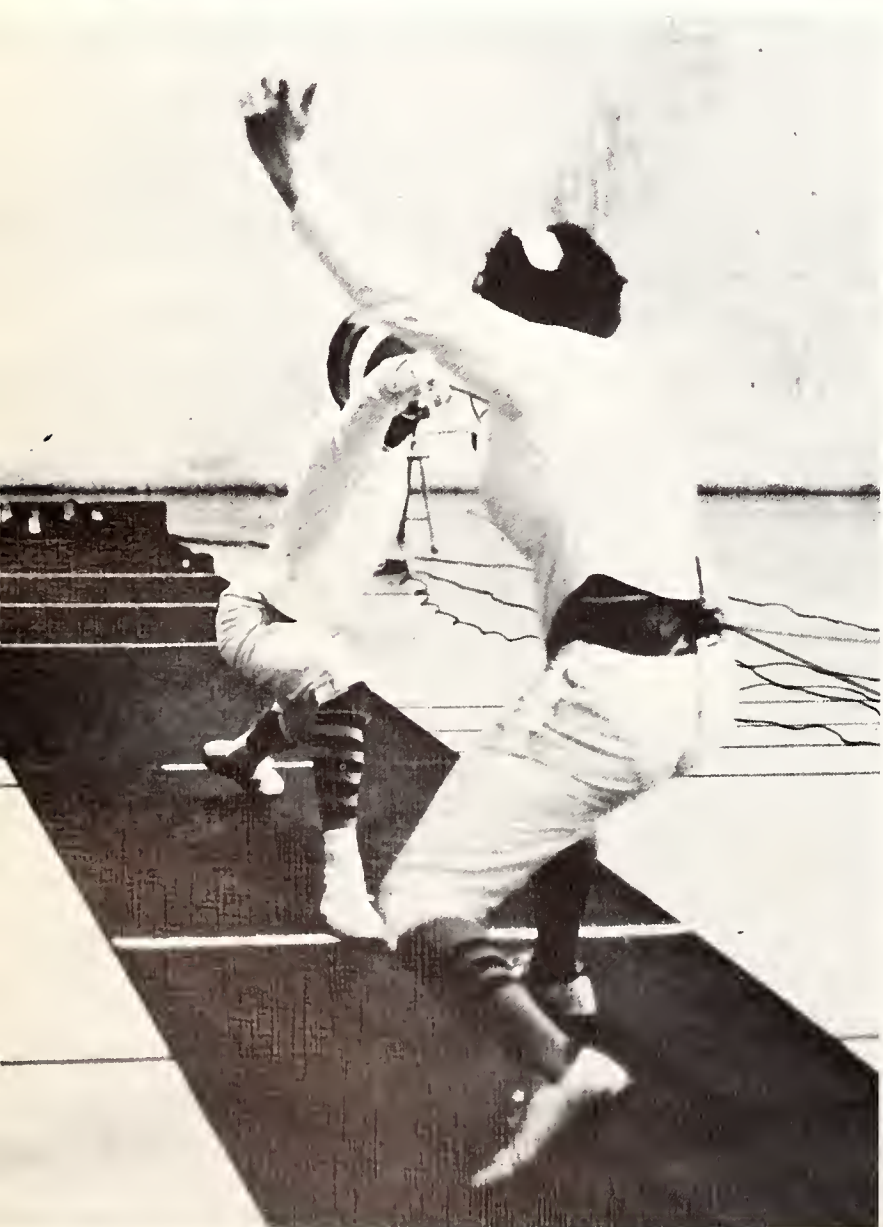
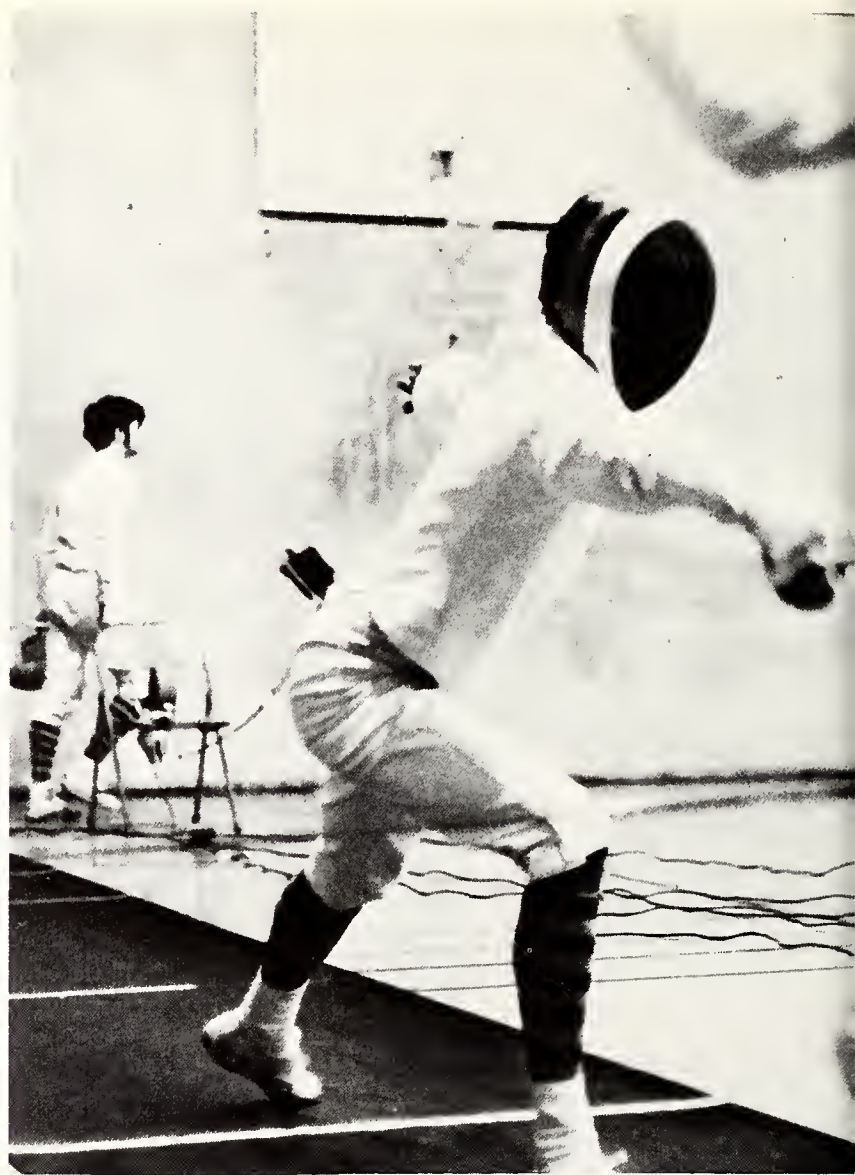
Stevens	19.5	Laffayette	17.5
Patterson State	16	Stevens	11
Drew	16	Stevens	11
Stevens	22	Cooper Union	5
Stevens	16	Jersey City State	11
3 wins, 2 losses			

From 1948 to 1955, Stevens had a not too impressive record of five winning seasons versus three losing seasons including the dubious distinction of being shut out in the 1953 season. However, out of the last fourteen seasons Stevens fencers have compiled the excellent record of thirteen winning seasons and one losing season. This big change in statistics seems to stem from the advent of Coach Cliff Kirmss, who finally enabled Tech fencing to establish itself. Since 1961 Coach Kirmss has been assisted by Mr. Emmet Wallach, a Tech graduate and a Middle Atlantic States All-Conference selection for three consecutive years.

Not only have Coaches Kirmss and Wallach produced winning teams, but teams that are usually top contenders for the M.A.S.C. championship. Out of the past thirteen years the team has been Conference champ five times and runner-up six times.









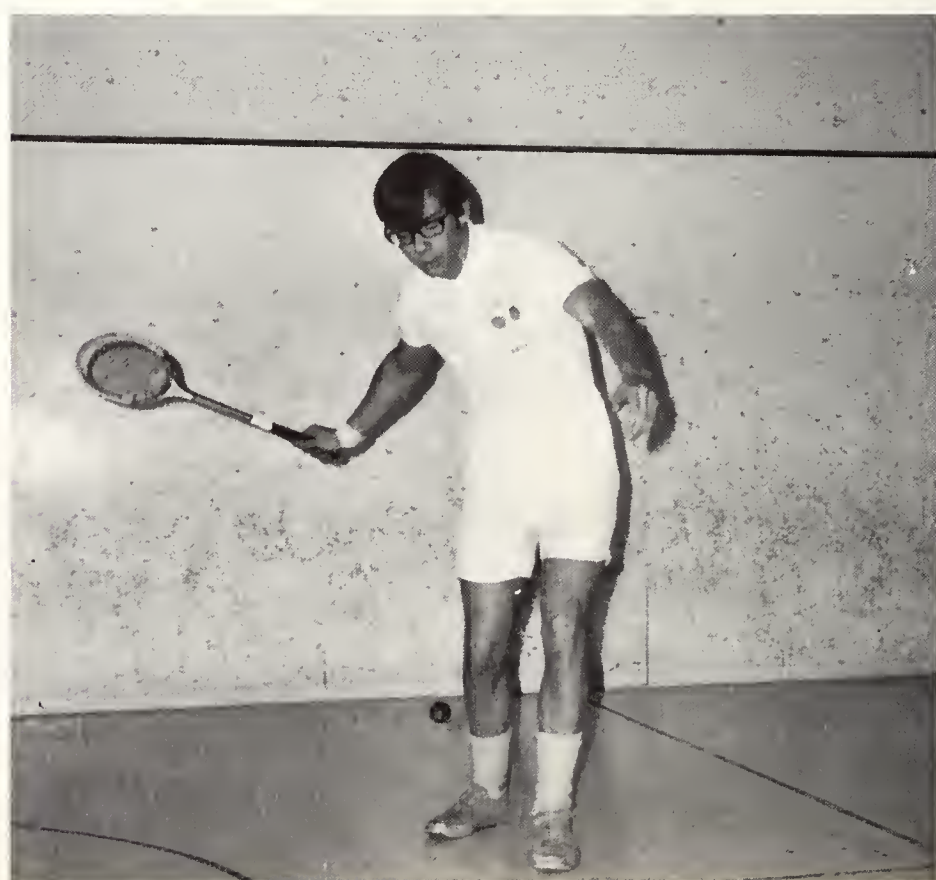
Coach Kirmss expected to equal or surpass last season's 8-2 record when the Stevens fencing squad opened its season on Dec. 10 against Pace. The largely veteran team most likely will challenge Temple again for the M.A.C. championship. Stevens will be counting on 13 lettermen and a small but fine corps of sophomores to carry the team through the season.

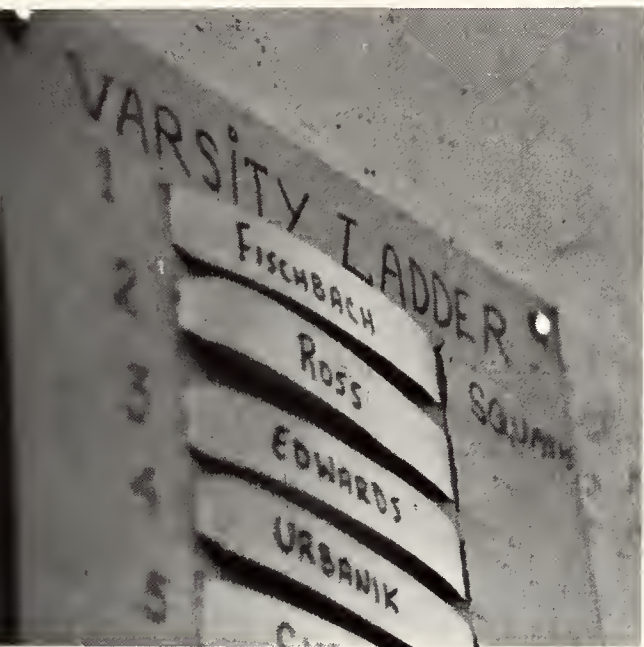
In sabre the team will be led by co-captain Joe Pigott. Pigott was 17-9 in individual bouts last season in addition to being named to the All-Conference team. His fencing experience was also expanded by his participation in the N.C.A.A. championships last season. Juniors Cecil Kingsley and Bruce Lutz will back up Pigott. Kingsley was 12-9 last winter and Lutz finished with a record of 12-8.

Epee seems to be as strong as sabre with senior co-captain John Royal appearing to be the mainstay of this weapon. Royal participated in the N.C.A.A. tournament as a sophomore and had a 14-9 record last year. Senior Frank Coulter expects to improve on his 14-5 performance of last year. Coulter was also named to the All-Conference team last season. Backing up Royal and Coulter will be junior Jeff Spahn who came on strong last season as a sophomore.

Foil, a weapon which might prove to be a relative weak point, will be led by juniors Alan Wells and Herman Kunis. Senior John Lynch who looked exceptionally strong at the M.A.C. tournament last year while gaining all Conference honors (2nd team) will be fighting Wells and Kunis for the top spot in this weapon.

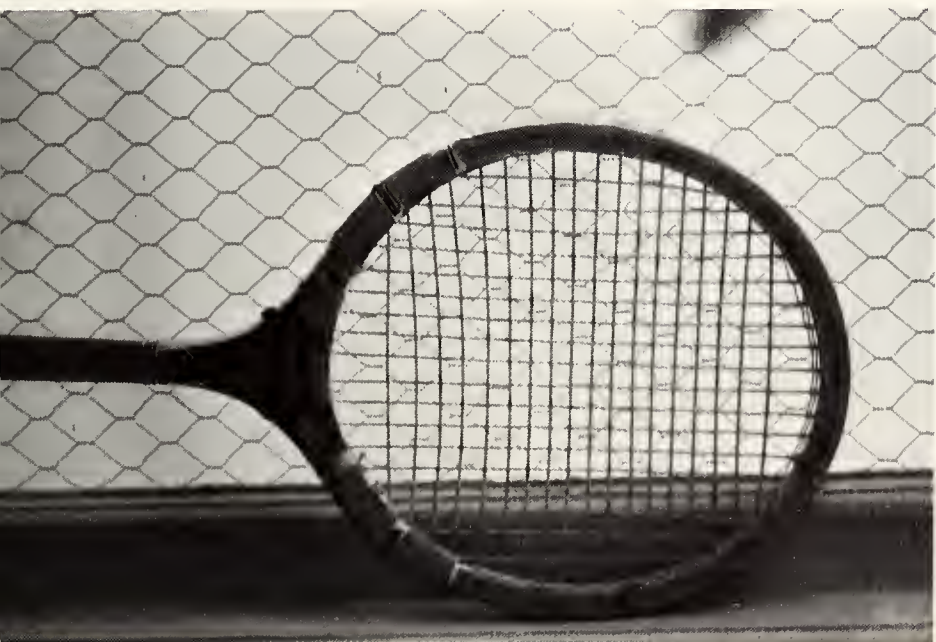


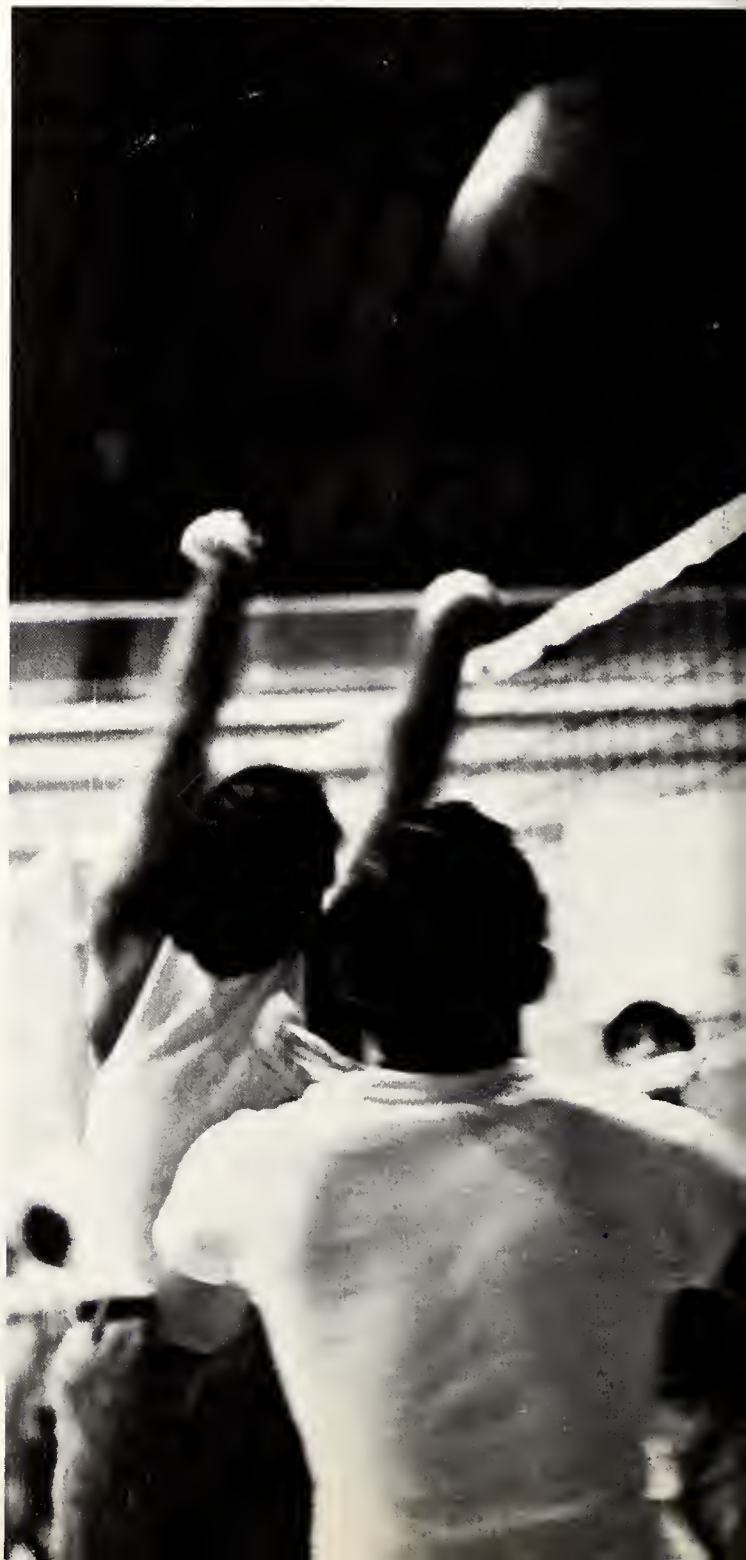


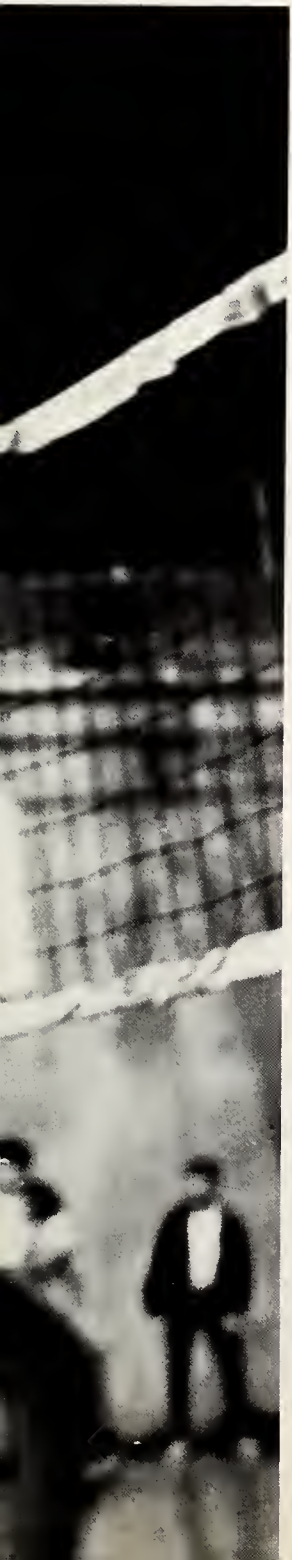


Squash, although a "young" sport at Stevens, has matured extremely quickly. In its first season (1959-60), under Coaches Seymour and Misar, the team won the championship of the Metropolitan Intercollegiate League with a 7-2 record. Coach Seymour's men again were champs in 1961-62; teams guided by Coach Partel won league titles in 63-64, 65-66 (undefeated season, 11-0), and 68-69. Opening the 69-70 season, the squash team held an impressive 80-22 record for almost an 80% winning figure.

The 1970 season began slowly but took a big upswing following the semester break. The team then won three straight, including the most exciting match of the season, a come-from-behind victory over Fordham, and shut-outs over Wagner and Seton Hall. Jim Fischback led the team, playing No. 1 for most of the season.







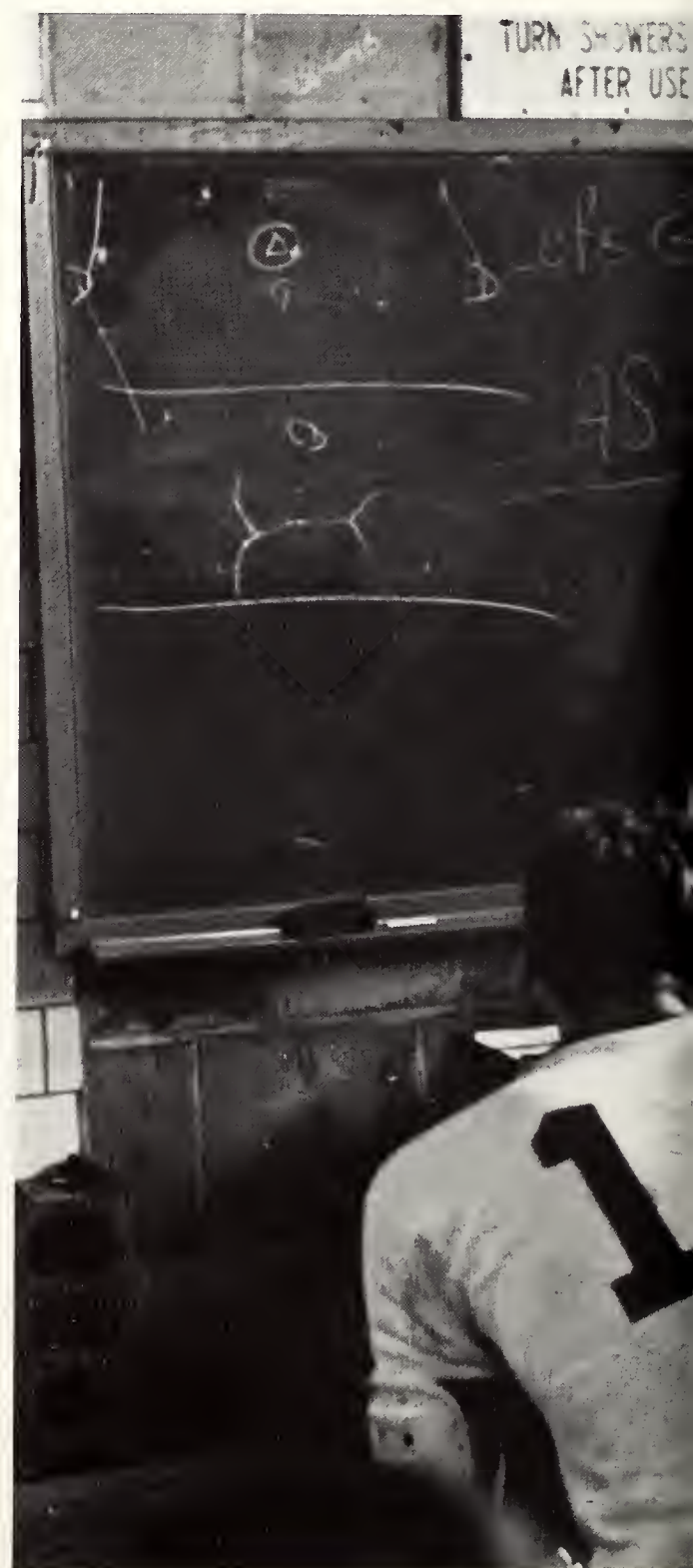
HISTORY OF LACROSSE

To the Ojibway Indians it was known as "bagattaway." The Iroquois called it "tehontsihaheks." The French pronounced it "La Crosse." But no matter what the language, the sport had such a brutal reputation that it was described as legalized warfare. Fortunately few of the lethal aspects of the game have survived through the years.

Lacrosse has long been established on the Stevens campus. As far back as 1885, Tech was competing against Lehigh, the New York Lacrosse Conference, and N.Y.U. By 1890, though intercollegiate lacrosse was barely in its infancy, the competition included such powerhouses as Johns Hopkins, Army, and Navy. As a matter of fact, Stevens presently possesses the longest uninterrupted schedule of lacrosse in the nation: 1885 through 1970, inclusive.

Nor is longevity the only accomplishment Stevens has made in the game. It is said that a Techman invented the lacrosse net as it is today. Tech was National Intercollegiate Lacrosse champion twice: in 1917 with Lehigh, and in 1918 with Johns Hopkins. Stevens was also a charter member of the United States Intercollegiate Lacrosse Association (USILA) of which 81 colleges and universities are presently members. In 1963 Stevens and Lehigh were co-winners of the USILA Moore Trophy and the USILA Central Atlantic Division title. Stevens initiated the formation of the Middle Atlantic States Conference Lacrosse League in 1964 of which Bucknell, Delaware, Dickinson, Drexel, Franklin & Marshall, Gettysburgh, Lafayette, Lebanon Valley, Lehigh, Muhlenburg, Stevens Swarthmore, and Western Maryland are members. Tech is also represented in the USILA Lacrosse Hall of Fame by Victor Starzenski '59.

A prime reason why Stevens has done well in the last few years lies in the experience of Coach Irwin "Buzz" Seymour. Over the past 19 years, Coach Seymour has brought Tech many winning seasons (11 out of 19) and has initiated plans such as the establishment of the MASC Lacrosse League. His professional capabilities have led him to become a member of the NCAA Lacrosse Rules Committee.









HISTORY OF BASEBALL

Baseball on the Tech campus began as a club shortly after the founding of the Institute. The club's first season was played in 1876. Its early history was indeed a troublesome one, as the club was officially abolished as a representative sport on campus in 1894. It wasn't, then, until 1905 that the club resumed, but from then on the future looked bright. The club attained varsity status the following year, in 1906, and went on to have many successful seasons.

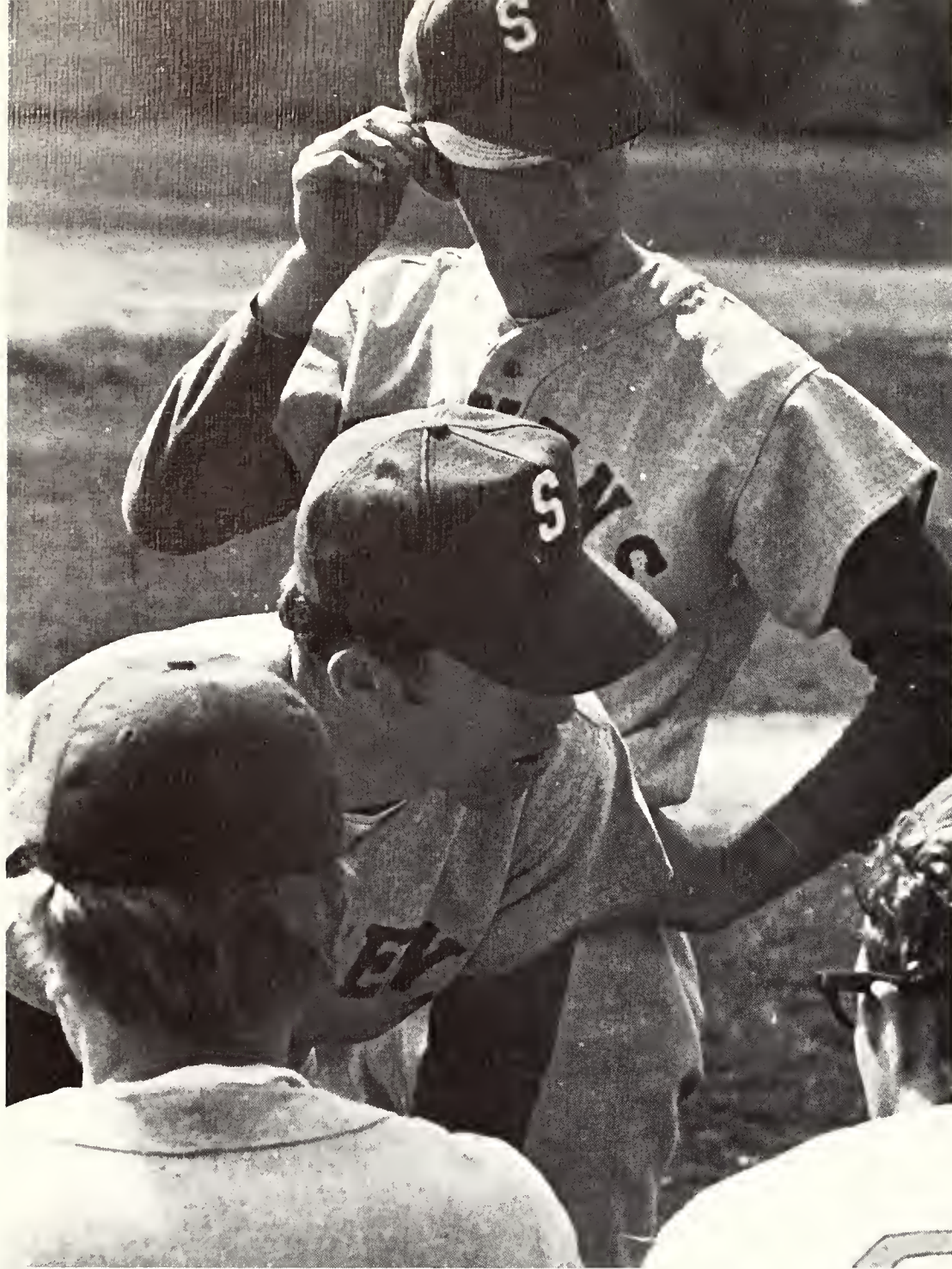
The history of the team was marked by two particularly outstanding players, both of which went on to play professional baseball. The class of 1920 had Ralph Carlson, and the class of 1949 had Andy Mathews. Mathews had interrupted his schooling to play pro ball and later returned to obtain his degree in 1949.

The 1929 season was coach Misar's first of the thirty-two seasons which he served as the team's coach. He was followed in 1962 by coach Singer, and today the team is handled by coach Whittaker who has had the team now for three years.

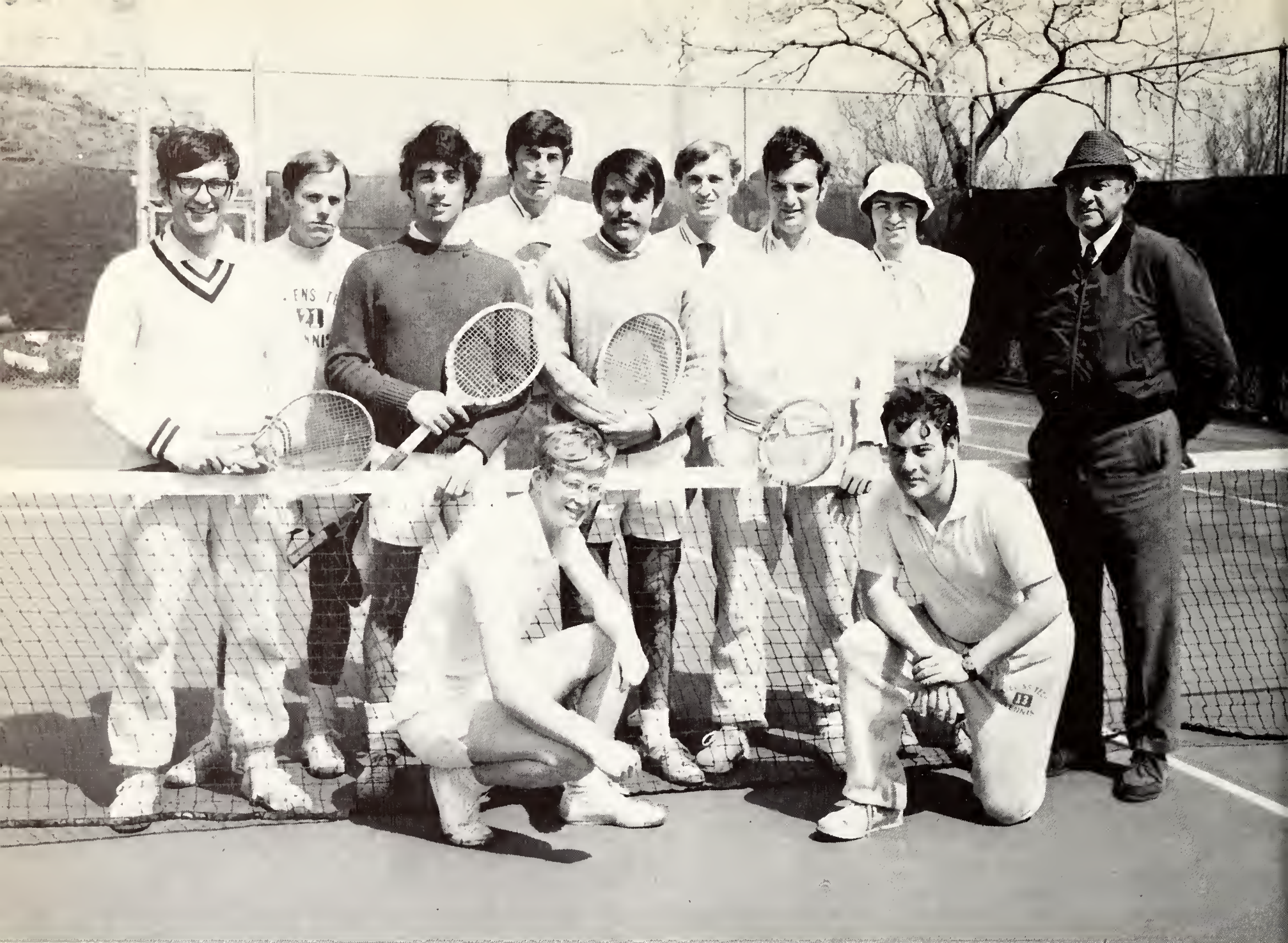
The 1969 team did not fare badly as they attained a six win and seven loss season. The 1970 team, having no seniors shows promise of an experienced team in the years to come.











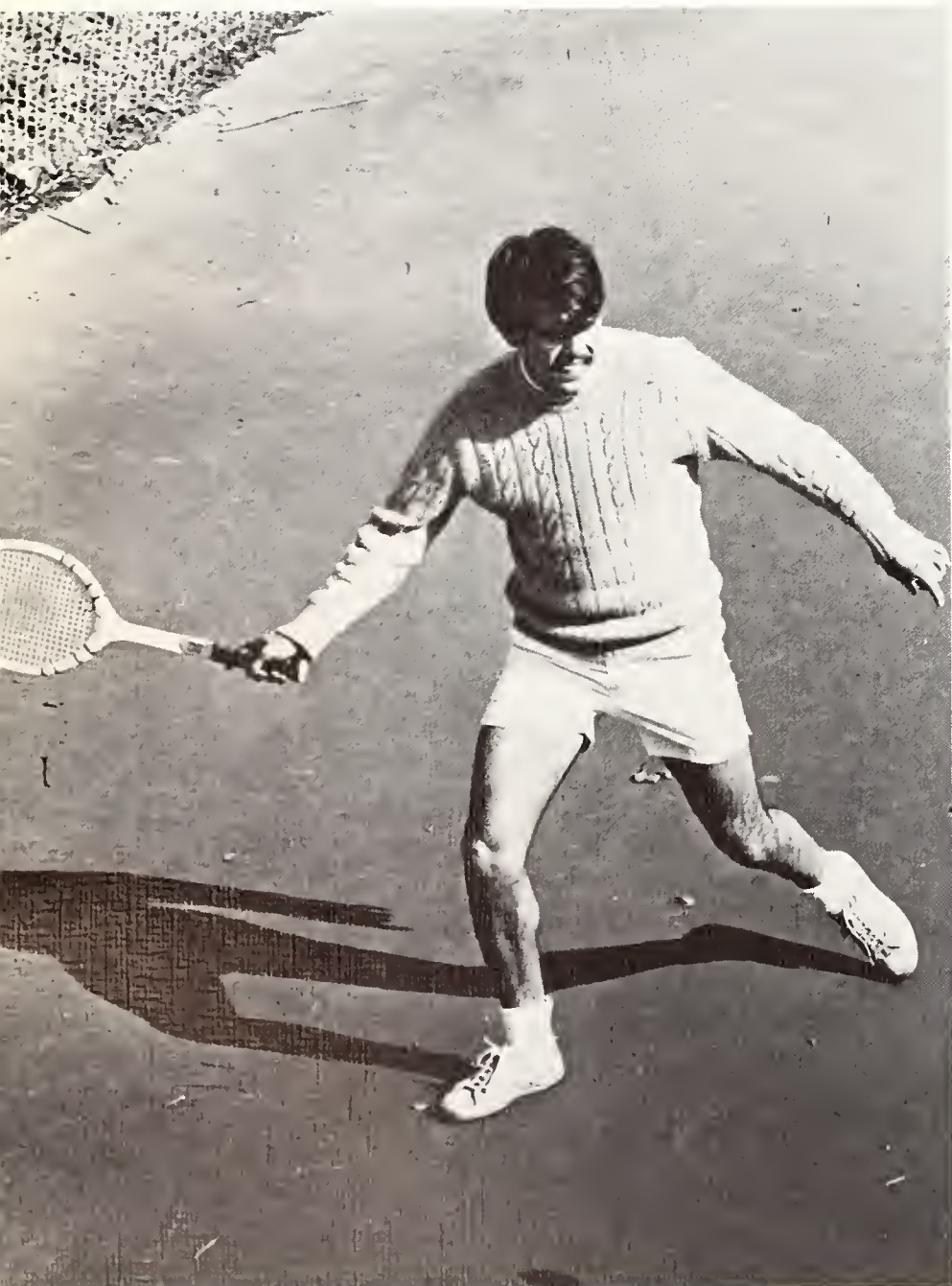
HISTORY OF TENNIS

The Stevens Tennis team was initiated in 1905 under the direction of former athletic director John Davis. The team did not fare well in its first matches, which were held on clay courts located on the site of the Pierce Building and Davis Dormitory. This trend continued until 1925 when Stevens won 6 of its 7 matches. From then on the team fluctuated between good and bad seasons until 1952 when Frank Partel became coach. That year they had a winning record of 8 and 5. Since then in his 17 years of coaching the team, they have had only 4 losing seasons and two fine records of 8 and 1 in 1964 and 8-1 in 1968. The team continues now to be a fine representative of Stevens in athletics. This year's team has already won a few matches and it is hopeful of another fine season.





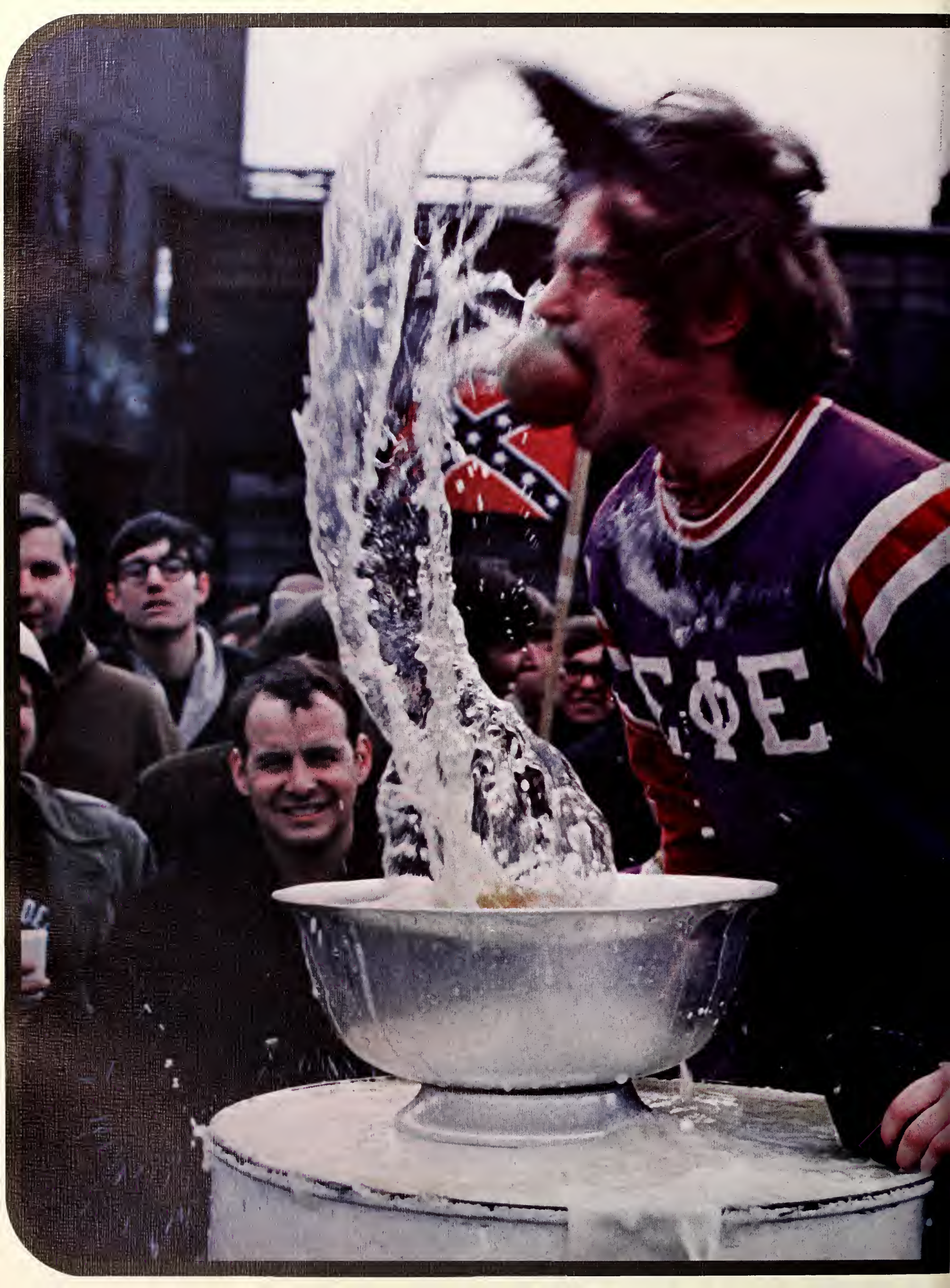
GARRISON, MEYER, DAVIS, HANSEN, GOULD
PANSEGRAU, MARVINNEY, BROWN, SILBER, SHAW

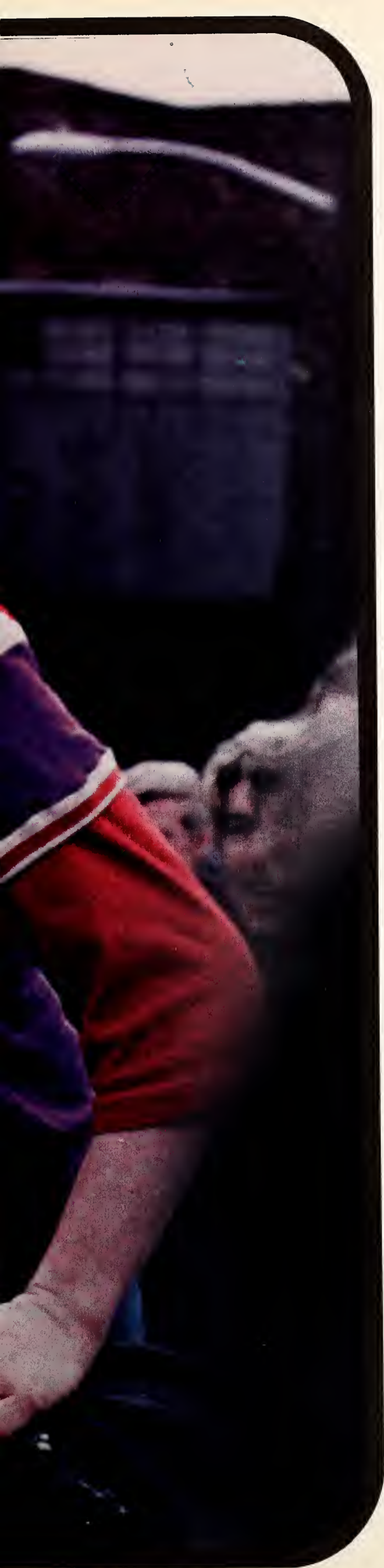




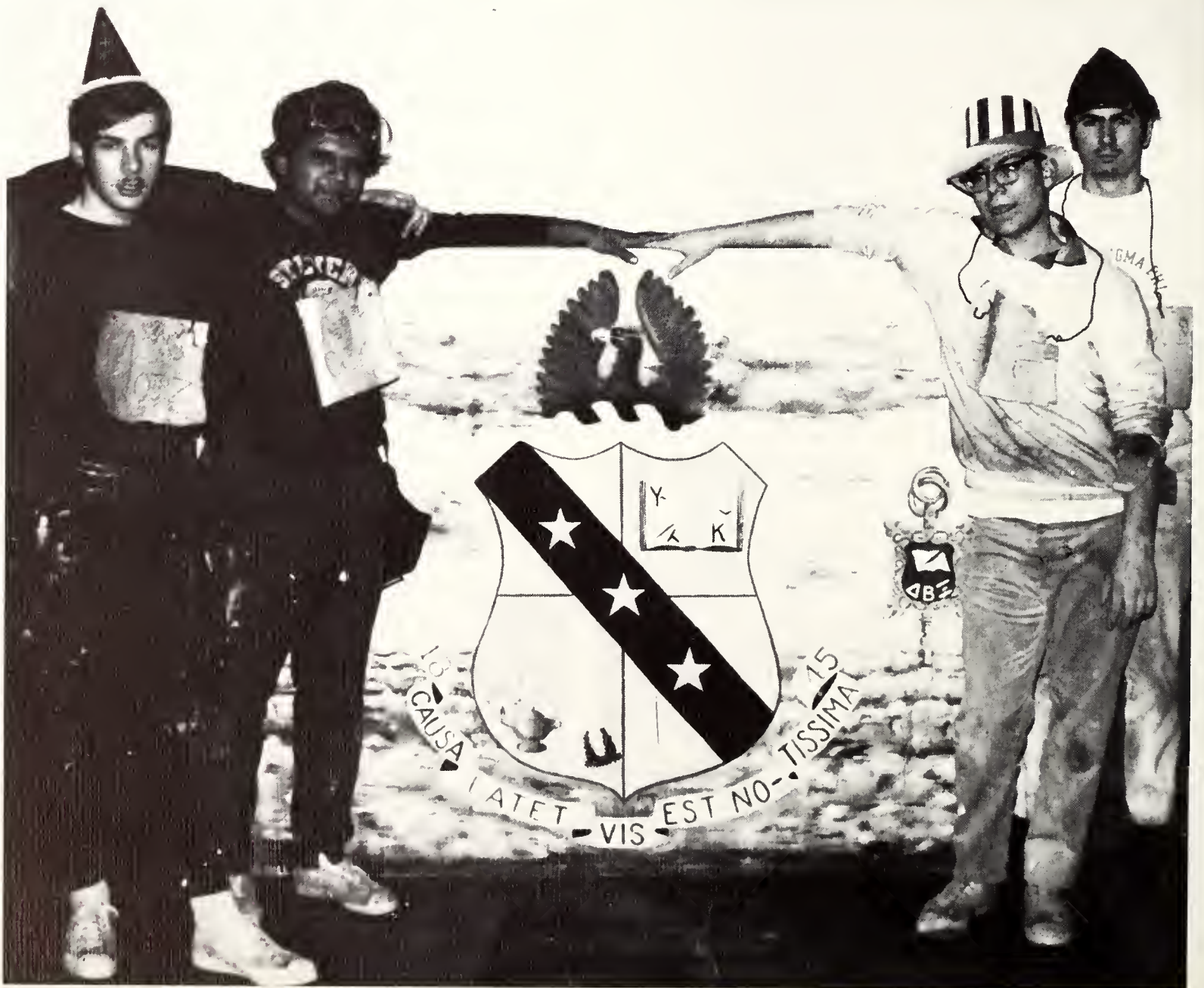
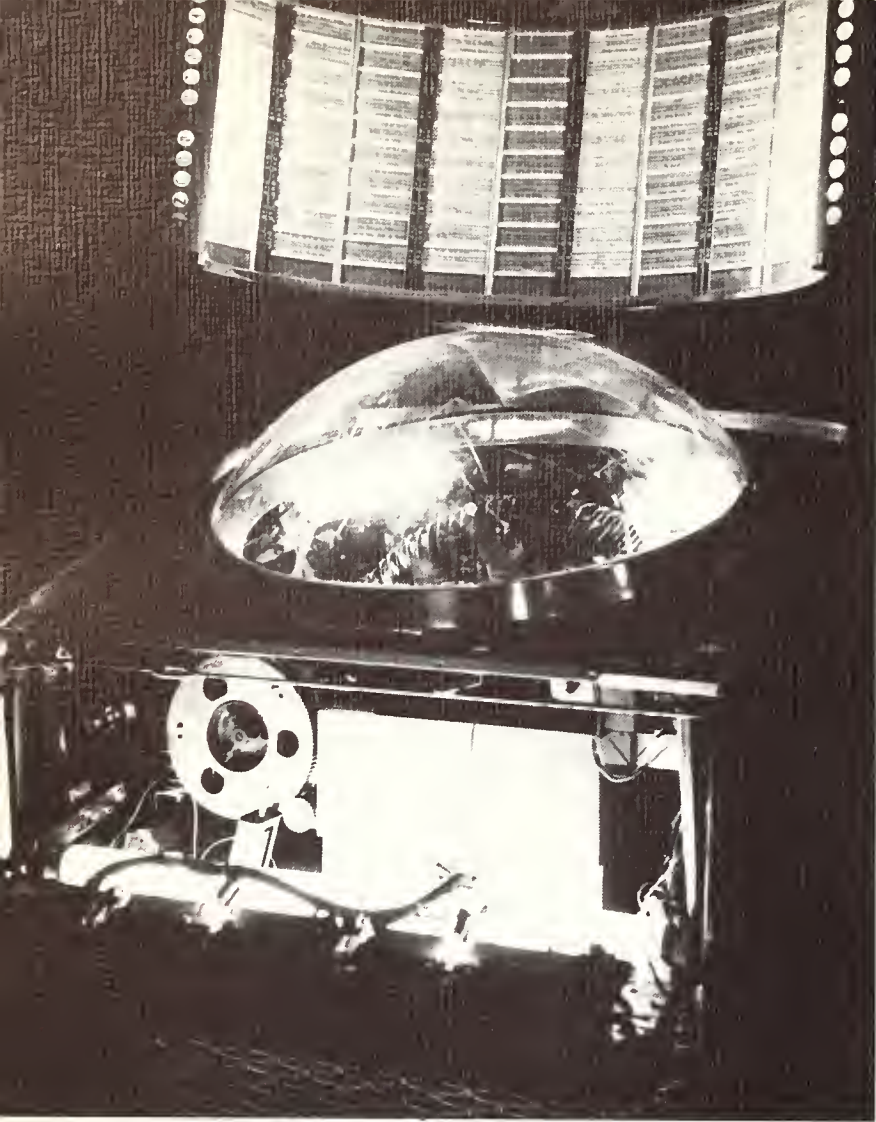








THE GREEK CULT





ALPHA SIGMA PHI

Alpha Sigma Phi was founded in 1845 at Yale University, thus becoming the nations' tenth oldest social fraternity. Currently 60 undergraduate chapters bear her name.

Alpha Tau chapter was founded at Stevens in 1926. Presently there are 37 undergraduate brothers, 26 of whom live in the house.

We at Alpha Tau are extremely proud of our continued excellent scholastic record, as we have won the IFC scholarship award four of the last five terms. Our social season is second to none, including the best party room on campus.

Yet there is more than just this to Alpha Sigma Phi. Never was the spirit, the unity of purpose of the brotherhood of Alpha Sigma Phi more evident than in the long hours of work necessary to rebuild our party room early this year, or in the teamwork necessary to build our award winning Winter Carnival display.

The purposes of Alpha Sigma Phi can be summarized in just four words, "to better the man." After three years as an Alpha Sig every senior emerges with a well-rounded character, with a complete education. He will carry with him for the rest of his life the feeling, the warmth, which is brotherhood in Alpha Sigma Phi.







BETA THETA PI

During the past year, Sigma Chapter of Beta Theta Pi continued to demonstrate qualities of leadership and brotherhood on the Stevens Campus. Holding key positions on powerful campus organizations as the Student Council, I.D.C., Stute, Link, Honor Board, and I.F.C., the brothers of Beta Theta Pi have lived up to the principles upon which our fraternity was founded—friendship and loyalty to all with whom we work. An indication of our leadership is the second place finish in Activities Points last year.

Along with our position on campus organizations, Beta is also a leader in the Interfraternity Council. Robert Lance, our Athletic Chairman and Vice-President of the I.F.C., has led his forces to a first place I.F.C. sports standing at the time of this writing. Beta teams placed second in football and basketball and first in softball this year. We also placed second in overall I.F.C. Athletics last Spring and third this Fall. With the best start in our history, Beta's outlook is optimistic for gaining the All-Sports Trophy. Beta Theta Pi also has a dozen Varsity athletes to its credit, participating in all phases of athletics at Tech.

Athletics are not the only aspect of Beta Theta Pi. Last Spring, we placed second in Scholastics. Beta Theta Pi consistently places high in academic achievement. Last semester, Frank Ianna, a resident assistant and quarterback on our football team, achieved a perfect 4.0 cumulative average, and five of our brothers had 3.7 or better: Ianna, Seninsky (3.91), Chernowetz (3.79), Highberger (3.76), and Chase (3.70).

Sigma could not have achieved its position on campus if it were not for the brothers you see here. Through dedication to Stevens and to Beta Theta Pi, Sigma Chapter has become a leader at Stevens.













CHI PHI

First founded in 1824 at Princeton University, Chi Phi is the oldest national social fraternity. Its present structure is an outgrowth of two older organizations, The Southern Order of Chi Phi and the Northern Order composed again of two groups, the Hobart Order and the Chi Phi Society. Since the union of the Northern and Southern Orders in 1874, the fraternity has continued to grow to its present 45 chapters and 5 colonies. While continuing to keep up with the times, Chi Phi has not failed to remain the personal fraternity that it was originally meant to be.

It was thirteen years after the founding of the "Old Stone Mill" that the Mu Chapter of Chi Phi was established. Today, its members take great pride in the spirit of Brotherhood and friendship which being a Chi Phi inspires. This spirit is easily visible in the many ways members participate in school affairs. The brothers can be found in almost any activity. A number have held or now hold prominent positions on the Student Council, Honor Board or I.F.C.

The strong ties of Mu chapter are also evident in its close association with its Alumni. Various meetings, including an Alumni Ball, are held throughout the year. The Alumni are instrumental in house improvements; making such dreams, as a new kitchen, a reality.

The brothers of Mu Chapter are proud to be a part of the great heritage of Chi Phi and that of Stevens' in its centennial year. We hope that both the House and School will continue to grow together, and that in another 100 years, Chi Phi's role on Campus and Stevens' role in society will be just as important as it is today.





Chi Psi is the eighth oldest fraternity in the nation and was founded at Union College in 1841. "Chi Psi is a private association dedicated to the development of deep and abiding friendships among its members." The fifth fraternity at Stevens, Alpha Xi of Chi Psi was established in 1883.

We at Xi stress the words "Brotherhood" and "friendship" in all that we do. We also maintain a good balance between scholarship, social life, and campus activities among the brotherhood. Established as a social fraternity, the "Lodge" not only participates in both IFC weekends throughout the year, but also has two more major weekends of its own plus many Saturday night parties.

As far as scholarship, our National has established a sum of eight million dollars as an Educational Trust Fund which provides scholarships and loans to undergraduates. We are proud of this Fund because it is the largest amount of money raised by a fraternity for such a purpose.

There are many Chi Psis in activities on the Stevens campus and this includes members and officers on the Honor Board and various Varsity sports.

Finally, and most important, "the fraternity asks of its members, and provides the opportunity for, acceptance of heavy responsibility in individual and group self-development."

The qualifications for membership in Chi Psi are embodied in one word—gentlemen.



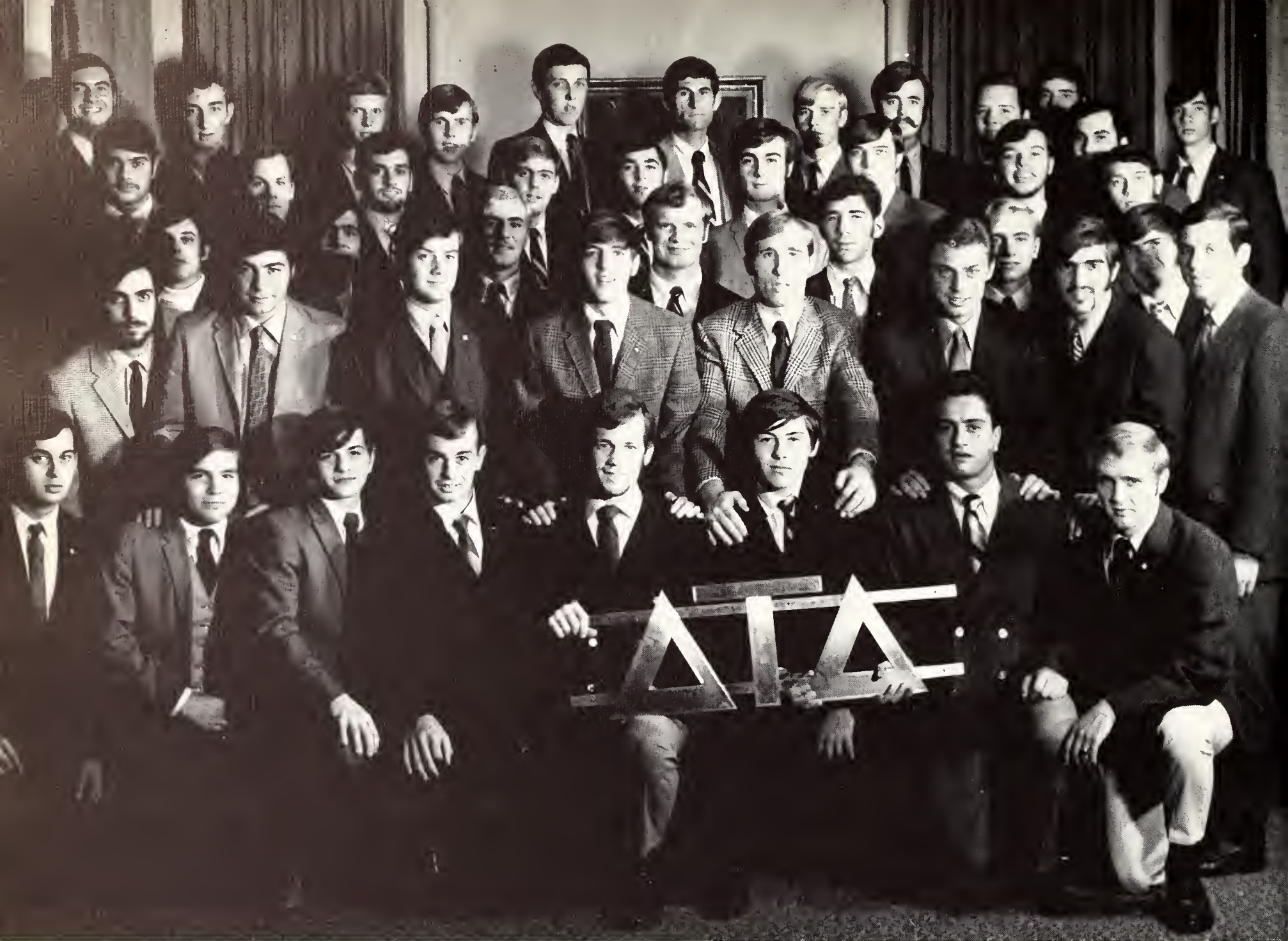


CHI PSI









Delta Tau Delta fraternity was founded in 1859 at Bethany College. Since that time the Fraternity has grown both internally and externally.

Delta Tau Delta is now one of the strongest fraternities, consisting of 103 chapters at colleges and universities throughout the United States and Canada.

Rho Chapter of Delta Tau Delta was established in 1874. The chapter is the former Leavett House and is located at 809 Castle Point Terrace.

A well organized Central Office keeps in constant touch with all the undergraduate and alumni chapters, thereby providing a well managed and composed fraternity in the Greek letter world.

This year Rho was well represented in sports and activities here at Stevens. By winning the All Sports Trophy, Delta Tau Delta has maintained athletic supremacy on campus as it has for the past fifteen years, despite the never ending fables to the contrary. This year the Delts have taken first place in Squash, Football and Volleyball and second in Softball. The activities trophy was also captured by the Delts for the fifth consecutive term. Delts are part of all campus organizations and teams. Scholastically the Delts are well above the all men's average at Stevens.

One of the most important aspects of fraternity life is rushing since the future of the house is directly related to the class it pledges. The Delts' primary objective in rushing lies in the search for men who will grow and develop both with and for the fraternity. This has also been the policy for this year and the pledge class of 20 men reflects it. Delts are far from being stereotyped and it is a combination of their individual unity and brotherhood that make Delts so successful. The Oath of Brotherhood defines Deltism as we know it:

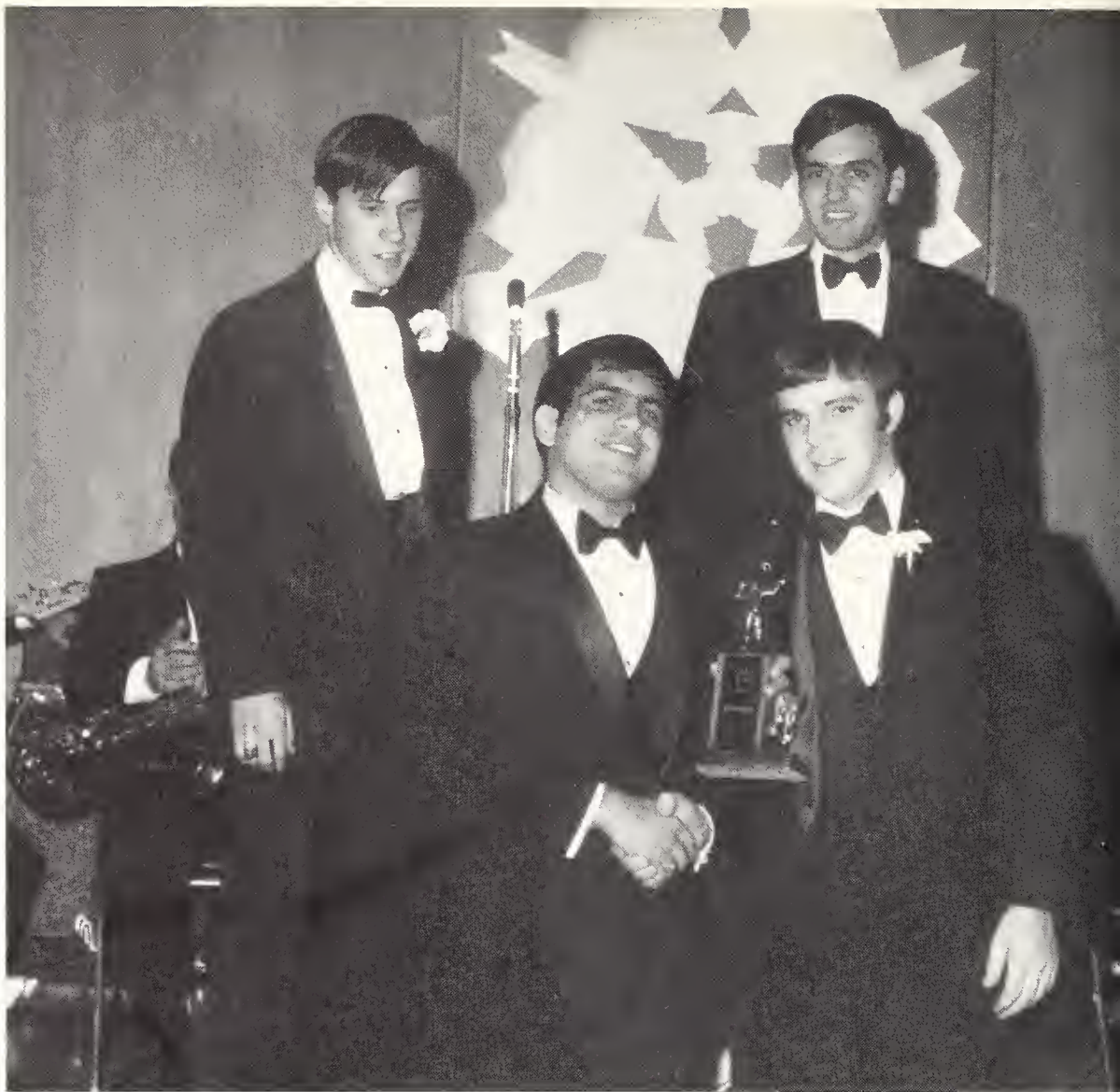
"Brotherhood as Delta Tau Delta interprets it, is a curiously and gloriously wrought philosophy of inflexible standards and genuine sympathy, of justice and mercy, of rigorous demands and affectionate forgiveness, of inspirational example and human understanding."

The Good Delt: His Book

Every Delt, whether an undergraduate or alumni lives by these standards. The spirit of Brotherhood and the loyal devotion to the traditions and solidarity of the fraternity give Delta Tau Delta the strength it maintains and the respect it commands.



DELTA TAU DELTA





SIGMA NU





Gamma Delta Chapter of Sigma Nu boasts a close-knit, active brotherhood, the largest on campus. Brothers are members of all school sports, the Stute, various clubs, Tau Beta Pi, Gear and Triangle, Arnold Air Society and the Link. One brother is listed in **Who's Who in American Colleges**.

Our brotherhood of 56 finished the year with a respectable third place in scholarship and fifth place in sports including two first place trophies. We are hopeful that our 22 pledges can fill the shoes of our 23 graduating seniors and we are looking forward to a good year, our 70th at Stevens. Special thanks goes to our deserving senior class for all the work they did in making Sigma Nu the house it is today.









SIGMA PHI EPSILON

To drink, to socialize, to play . . .

to belong . . .

This is why we pledged
Sigma Phi Epsilon.

To work, to build,
To comfort one another upon
the loss of our brother.

To test and prod our fellow,
To elicit joy, and sometimes pain.

To laugh and cry and laugh together,
To be thankful for the nuances in life.

To weave our lives together,
To make ourselves greater than
the sum of our parts . . .

to belong . . . together . . .

This is why we are
Sigma Phi Epsilon.



Some of you say, "Joy is greater than sorrow,"
And others say, "Nay, sorrow is the greater."
But I say unto you
They are unseparable.

—Khalil Gibran





PHI SIGMA KAPPA

Phi Sigma Kappa, PSK, Ah-ne-mahl, T-Double T-upside down T all refer to the men of Iota Chapter. Since 1899 the Stevens campus has been the home of the Red. Nearly a thousand men have come and gone, but none have forgotten the Three Cardinal Principles of Phi Sigma Kappa: Development of Character, Promotion of Brotherhood, and Stimulation of Scholarship. These principles are the backbone of Phi Sigma Kappa, the motivation of all.

Take a deeper look at Iota. Socially there are the Halloween Party, Shrimp and Beer, Hawaiian Party, Iota Night, Founder's Day, and the regular FNP's. In sports there are Pledge-Brother and Alumni-Brother football games, along with basketball, squash, and many more.

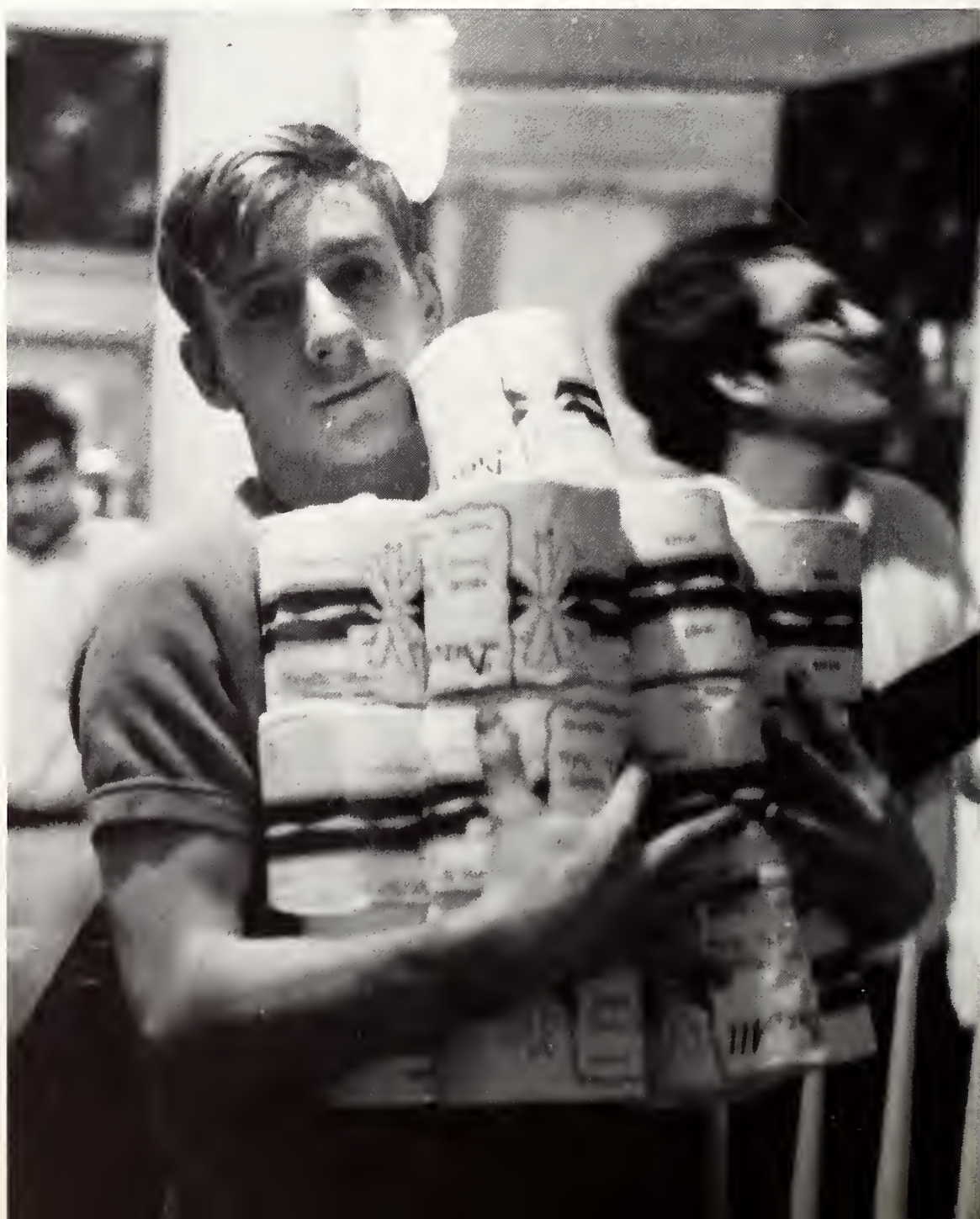
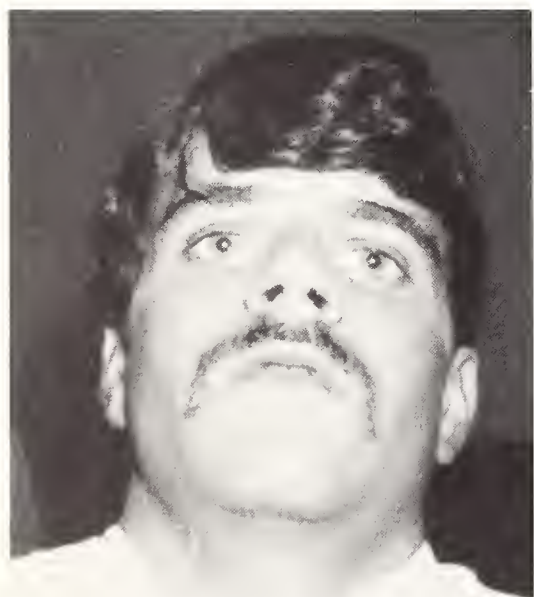
What about all the little things? For instance the all night poops, the exciting pumpkin raids, the continuous pinochle games in the chapter room, peanut butter and jelly sandwiches at 12 midnight, or the filled bathtub for newly pinned brothers.

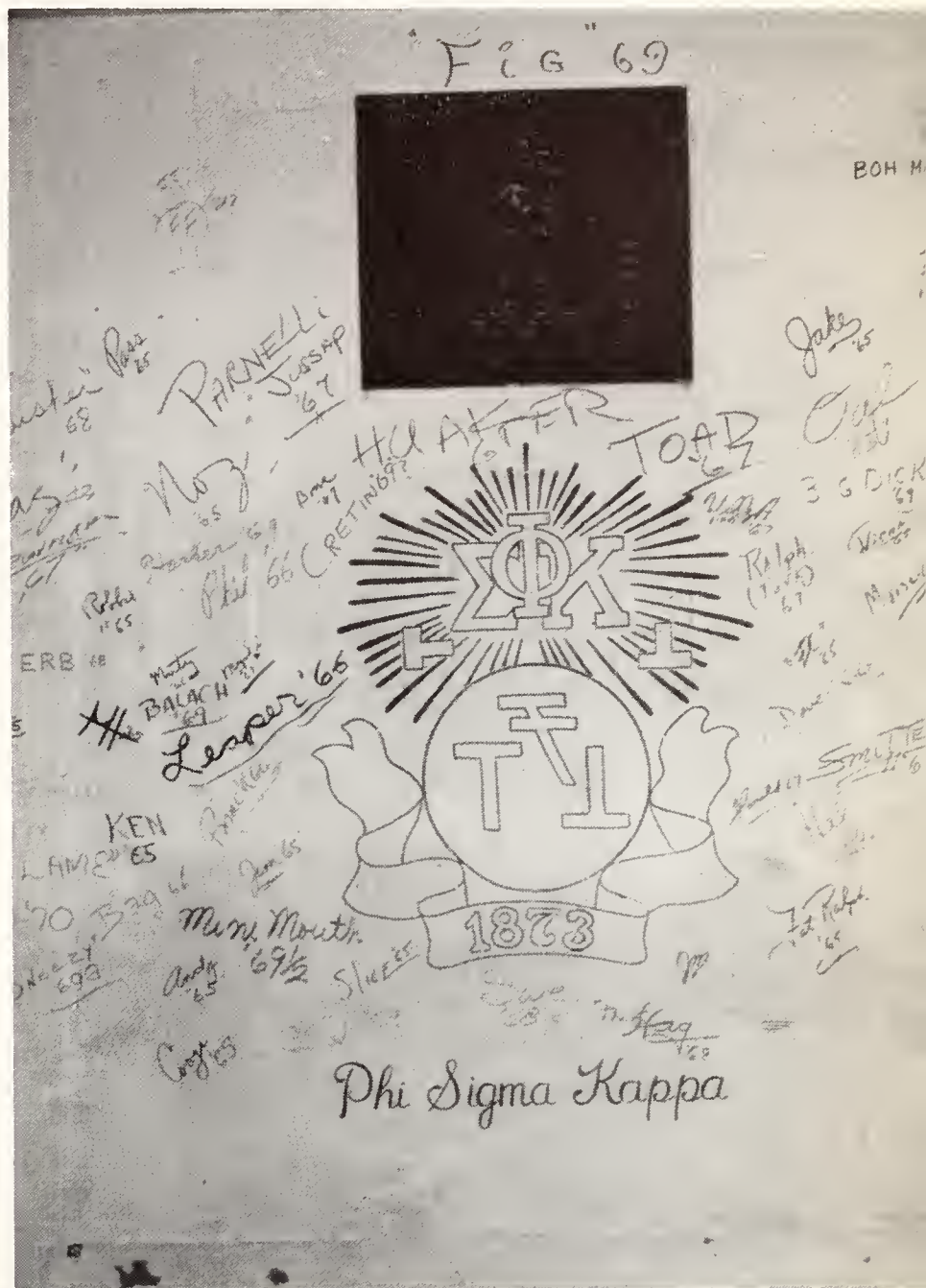
It means very much to the PSK brother when his Christmas display is a winner, his Friday Night Party is great fun, his house wins a football game, his extra help session has been successful, he and his partner have won the all night Monopoly game, or his house has won the fraternity's "Founder's Award."

There are girls, beer, and fun, but held in great esteem is a Faith and Purpose. These are "so that the ideals of Phi Sigma Kappa, being embodied in me, may be fulfilled in my Character and Conduct, and be known and honored by all men."











PI LAMBDA PHI



Brotherhood with respect for individual interest and viewpoint. This is New Jersey Theta of Pi Lambda Phi. We at this chapter feel that we are part of a contemporary fraternity which has altered with the changing attitude of college men. We reject the traditional policy of hazing and servile pledgship in an attempt to foster true brotherhood and form true friendships without resort to archaic practices which today's youth dislike.

Our chapter is composed of many men of varying backgrounds and differing outlooks on life. Through studying, working, and living together we acquire a deep-rooted knowledge of many types of people. We feel that this experience will round out the technical education which is all that the college can provide us with.

Pi Lambda Phi has been on the Stevens campus for over fifty years. It is the hope of the brotherhood that we will be at Stevens for another fifty and we feel that if we pursue our liberal and dynamic policies this hope will inevitably come true.









THETA XI



ELLIOTT & PHIL.



Gamma Chapter of Theta Xi was founded on February 20, 1874 making it the first fraternity at Stevens. Throughout its 96 years on campus Theta Xi has endeavored to fulfill its responsibilities to the individual member, college and community. It is the fulfillment of these responsibilities that has led to a rewarding experience for the brothers of Theta Xi.

The purpose of the fraternity is the development of the individual. Theta Xi endeavors to assist each member to develop:

1. Intellectual curiosity that assures the highest scholarship rating consistent with his ability;
2. Habits that lead to better mental and physical health;
3. Sincerity in his association with brothers and confidence in himself;
4. Leadership that comes from practicing the principles of democratic self-government;
5. Responsibility to chapter, community, and country;
6. Interests and activities outside regular scholastic studies that employ spare time to advantage;
7. Spiritual understanding that provides a reservoir of strength to draw upon when faced with conditions beyond comprehension.

The social life provided by the house adds considerably to the pleasure of being a brother. From the first party to the Theta Xi Ball, to Winter Carnival, to Spring Sports the brothers work together to have a good time. It is this brotherhood that bonds the individual members for a sum that is greater than the parts.











ORGANIZATIONS

SOCIETIES

MUSIC

GOVERNMENT

CLUBS

PUBLICATIONS

HONORARIES

SOCIETY OF AUTOMOTIVE ENGINEERS



A **C** **S**
M **H** **O**
E **E** **C**
R **M** **I**
I **I** **E**
C **C** **T**
A **A** **Y**
N **L**



AMERICAN SOCIETY OF CIVIL ENGINEERS



The Stevens student chapter of the American Society of Civil Engineers was formally established in the early 1950's. Membership in the chapter is open to all interested students, and at present consists of 20 active members.

The general objective of the chapter is to further the advancement of the science and profession of engineering. Specific objectives are to encourage the development of a professional consciousness, provide a congenial atmosphere for students interested in civil engineering to meet and work together, and to provide contact with the engineering profession.

In meeting these objectives the chapter holds monthly meetings at which persons actively engaged in the various fields of civil engineering are invited to speak, or films of interest to civil engineering students are shown. The chapter sponsors field trips to local projects of interest and actively participates in the activities of the Metropolitan Section Student Chapters Conference, composed of student chapters from engineering colleges in the area. Student members are encouraged to make use of the Engineering Societies library in New York and to attend local section meetings of the society as well as national and regional meetings and conferences.

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS

The IEEE, the professional organization of electrical and electronics engineers, regardless of their specialized fields, was founded in 1884 for "The advancement of the theory and practice of electrical engineering and the allied arts and sciences, and for the maintenance of high technical and ethical standards among its members." Among the original group of founders were Alexander Graham Bell and Thomas A. Edison. From an organization of 25 members in 1884 it has grown to a membership of over 150,000, the largest engineering society in the world.

In common with colleges and universities the IEEE is primarily engaged in promoting the search for, preservation of and dissemination of knowledge through a curriculum supplement in the form of a branch program, which was originally established in 1902.

In cooperation with the Metropolitan Student Council of the IEEE, the Stevens branch takes part in many area-wide activities which include Student Activities Night, Student Activities Day and a Prize Paper Contest.

On the local level, the Stevens branch conducts a program of speakers and tours designed to help the future electrical engineer learn more about his field. In cooperation with the Department of Electrical Engineering the Stevens branch also operates a student laboratory where the student may pursue individual research of his own choice.

OFFICERS

Wayne R. Monsees Chairman
Robert P. Ricco Vice-Chairman
Daniel A. Posner Treasurer
Donald Osborne Secretary





The Arnold Air Society is a fraternal honor society of Air Force ROTC cadets which is devoted primarily to service activities to benefit the school and the community. To be selected as a pledge in the Society, a cadet must show outstanding character, scholastic achievement and officer potential.

The year 1969-1970 has been the most notable in the twenty-year history of the Stevens-based Charles Lamont Squadron of the Society, culminating with this Squadron's being selected over ten other schools as Honor Squadron of its area. The judgment of the area command was that the Charles Lamont Squadron was superior to its neighbors in organization, leadership, and in the merit and success of the projects it has undertaken.

Among the projects the Squadron has undertaken in the past academic year have been a Thanksgiving Food Drive and a Christmas Toy Drive to benefit needy families in the area. The Cadet Corps' annual Aerospace Ball is held with Squadron sponsorship. On the social side, the Squadron sponsored several smokers and a road rally. A contribution to the cultural life of Stevens was made by the Squadron-sponsored piano recital given by Mr. Jerome Cohen. Above all, the project of which the Squadron members are most proud is their adoption of a Hoboken Boy Scout troop. Cadets serve as scout leaders in the troop. All involved feel sure that a contribution has been made to the community that will far outlive the good done by the organization's other activities.

ARNOLD AIR SOCIETY



THE STEVENS GLEE CLUB

The Stevens Glee Club enjoyed another season of both performance and musical growth. Prof. Ondrick's rapport in directing the 60-man group, the fresh and dynamic arrangements of Mr. Robert C. Hebble coupled with the enthusiasm of the membership were responsible for the successes of the season. The season opened with a benefit concert for the Hoboken YMCA, sponsored by the local Rotary. The Glee Club played its role during the Centennial year, performing for on-campus banquets and various local Alumni chapters. Stevens' Nite offered both traditional and seldom heard Christmas music in the best of the Club's style. It was an honor to be invited to take part in the Jersey City Concert Series for 1970-71. The popularity of the Glee Club was best exhibited by the numerous compliments and congratulations received from campus visitors on Parent's Day. The 1970-71 season came to a close with the annual spring concert.





DANCE BAND



The Stevens Stage Band is a seventeen piece jazz orchestra with a modern big band sound. Organized in 1963 by Professor William F. Ondrick as the Stevens Dance Band, the group originally specialized in dance music and played at numerous school dances and concerts. Over the years, the band has steadily developed musically, and its repertoire has evolved from dance music to modern jazz. Several concert tours have been made by the Stage Band in recent years. A trip to Philadelphia, Baltimore and Washington, D. C. was made in the spring of 1968, followed by a similar tour in 1969.

This year's group, considered to be the best in the history of the Stage Band, has accomplished a great deal. A very successful second concert with jazz trumpeter, Clark Terry, was presented in March, and a record album was recorded the same month on Capitol Records.

Some credit for the success of this year's Stage Band must be given to student leaders, Gordon Quimones, lead trumpet, and Roy Nicolosi, alto sax, both of the Class of 1970. Not only have they done an excellent job of directing the group, but also have been featured as soloists quite frequently.

For the near future, the band plans to continue developing its approach to modern big band music. It hopes to continue to find musicians at Stevens who can play well within the group, and who can also play good improvised jazz.

Khoda

SECRET SENIOR HONORARY



Louis Brunetti



Robert Giolanella



Harvey Holmberg



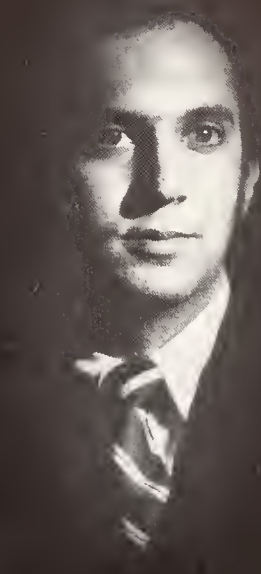
Jeffrey Katz



Marc Levin



John Raven



Arnold Silverman



Norberto Machado



James Schneider



STUDENT COUNCIL



Since its founding in October 1968 the Student Review Board has actively pursued the fulfillment of its task: to review, seek and recommend solutions to any legitimate complaint brought before it regarding any phase of campus life; to open and improve lines of communication between students, administration, and faculty; to seek meaningful change, where indicated, through existing channels and to involve as many students as possible in the workings of the Institute.

In its brief history the SRB has managed to twice change and improve the meal lease system molding it into a voluntary program. It was responsible for placing student members on standing faculty committees, instituting a discount system in the Campus Store, changing lab and course requirements, prompting a re-evaluation of dormitory regulations regarding cooking and refrigeration, pushing for freshman parietal privileges, etc. But the most important factor responsible for the Review Board's success and universal acceptance has been the cooperation of the administration and faculty, and the support of the student body, in an effort to improve life at Stevens. Without all three the Review Board's task would be an impossible one.

As one of the most active organizations on campus the Student Review Board looks forward to a future of continued success for the betterment of the Stevens community.

STUDENT REVIEW BOARD



INTER-DORMITORY COUNCIL

The 1969-70 Inter-Dormitory Council has been one of considerable growth. It has grown vastly in its responsibilities, in its powers and in its prestige. The council is now providing services such as vending and linen service for the dorm residents, and has been in constant search of new and improved services which it may provide in the future.

The structure of the Council has shifted emphasis from a general council to individual dormitory governments, thereby keeping each dorm's problems in close contact with that dorm. The purpose of the general council now is to provide a common ground upon which to deal with common and related problems of the various dorms, to act as an appeals board to the dorm councils, and to bring the general student body into closer contact with council and then with the administration.

The I.D.C. has begun this year for the first time to command the respect it truly deserves and needs to function most effectively and to serve the students fully.





ALPHA PHI OMEGA



Alpha Phi Omega, a national service fraternity, has undergone a regeneration at Stevens in the past year. Founded as a service fraternity in which young men with previous experience in scouting could continue their efforts in college, Alpha Phi Omega at Stevens has evolved into an organization for those who wish to take an active part in servicing their community on and off campus.

Alpha Phi Omega has sponsored three "contests" at Tech during the past year. Money garnered by the Tech Turkey, Ugly Man, and Golden Ream contests has been donated to local charities and community self-help organizations. In addition, a used book sale is being planned for the coming year, enabling students to buy their books at cut-rate prices. Proceeds from this project will be donated to charity. Members of A.P.O. have also aided the Stevens Nite Committee and Dance Band by offering assistance in setting up, ticket-collecting, and the like.

Alpha Phi Omega is being re-born at Stevens. Difficulties and problems associated with getting an organization back on its feet have been encountered. With the help of new members and the Stevens Community, A.P.O. will maintain a place of prime importance at Stevens.

ATHLETIC ASSOCIATION



The membership of the Athletic Association consists of the class athletic representatives, the team captains and the Interclass Commissioner. Its function is to act as a decision-making body in both the affairs of varsity and freshman sports, as well as interclass sports. The organization works primarily through the Athletic Council, consisting of the Athletic Association and four faculty members. The Director of Athletics serves as chairman, the Dean of Men as vice-chairman and the President of the AA as secretary. The duties of this council include approving the election of all team captains and managers and awarding of varsity letters, senior awards and interclass awards. The council also has established an annual sports banquet held each spring term for the purpose of honoring all varsity lettermen.

The Stevens Bowling Club is more than a club, it's a team. The team is presently in the intercollegiate league with nine other schools including St. Peter's, Fairleigh Dickinson and West Point. At the time of this writing, the team was in fourth place in a close race for first.

Gary Witson, a freshman is currently leading the league with a 194 average. Carl Kaminski has high game in the league with 279.



BOWLING CLUB

CHRISTIAN FELLOWSHIP



CHESS CLUB



The Chess Club is one of the oldest clubs on campus. Founded in the 30's, its purpose was to bring together students interested in playing chess.

As in the past, the Chess Club has been involved in many activities. Anyone interested may become a member whether he is a novice or a serious student of the game interested in league and tournament play.

Since its conception, the club has been very active in the metropolitan area and consistently is a top contender in the Metropolitan Intercollegiate Chess League. Recently, the club joined the Intercollegiate Chess League of America and has participated in several National Intercollegiate Chess Tournaments, the last one being held in Montreal, Canada. Weekly meetings are held in addition to several tournaments held here at Stevens during the year.

DRAMATICS



The Stevens Dramatic Society, founded in 1910, has become the oldest continually active organization on the campus. In the past 60 years of its existence the Dramatic Society has produced no less than ten original musicals written at Stevens by members of the group. Noteworthy among its many varied productions was "He Who Gets Slapped," by Leonid Andreyev in an original translation from the Russian by the society's directress, Yelena Petrovna; it was this play which implemented the society's entrance into Theta Alpha Phi, the National Honorary Dramatics Fraternity.

Stevens was initiated into Theta Alpha Phi in 1960 to become what has remained the only science and engineering school in the country to boast a chapter. Membership in TAP is based solely on the continuing merit and high caliber of performance. Student members are chosen as a signal honor resulting from effort "above and beyond" what is required of them.

This continuing tradition of excellence has inspired such productions as "Guys and Dolls," "Bus Stop," "The Devil's Disciple," "Waiting for Godot," "My Three Angels," "The Impossible Years," "Becket" and most recently, "The Lion in Winter."

The thrill of stage lights, live audiences, and curtain calls lures many people to the Dramatic Society. Others find a challenge in set design and construction or lights and sound. Whatever it is that attracts these people, there is one factor they all have in common, a love of the theater and the dramatic arts. This is what makes all the hours of work worthwhile and gives the members a feeling of satisfaction and accomplishment.

The Fellowship founded in 1960 has become one of the most active clubs on campus. Its purpose was to bring students and faculty of the Jewish faith together. The fellowship sponsors many activities of both religious and social nature.

Weekly Sunday brunches are held sometimes followed by bowling parties. Picnics, retreats and several dances, including the Beatnik Fiasco, are all sponsored by the fellowship and are all co-ed in nature, girls being supplied by several area schools, especially Jersey City State with whom the fellowship has a good working relationship.

Recently, the fellowship has tried to attack the problem of the lack of communication between students and faculty by sponsoring lunches and lectures where students may get together and speak freely and openly with the faculty.

JEWISH FELLOWSHIP





LATIN CLUB

The Stevens Latin American Club is an organization whose aim is to unify and promote friendship among the Latin American students at Stevens. Its varied activities include academic help, social events and conferences on Latin American issues. This year the club actively participated in preparing the Stevens International Day.

Significant progress was made in public relations and the club is now linked to other Latin American clubs of nearby colleges. Trips were also a big issue this year. A lot of traveling was done as a group to get to know other areas of the United States. For the summer a grand European tour is being planned.

The most significant value of the club is to provide a home-like atmosphere for the newcomer student and to familiarize him with Stevens life.

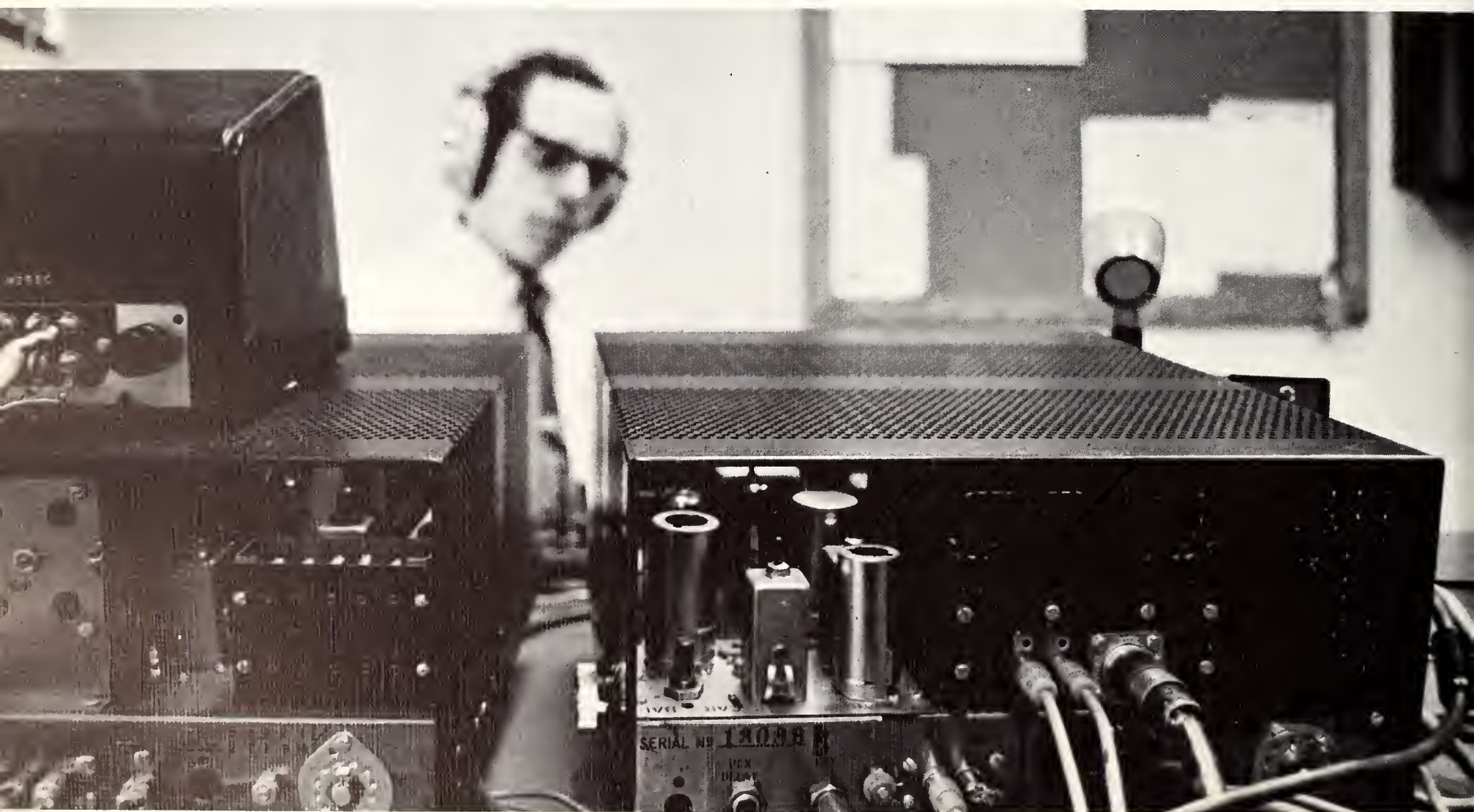
NEWMAN CLUB



"The Newman Apostolate, as a searching, believing, loving, worshipping community, is the presence of the Catholic Church in the campus community. Dedicated to the service of human needs, it is committed to witness and minister in dialogue and cooperation with other communities, always conscious of its oneness with other Christian Communions." This is the way the National Newman Congress tried to define what Newman is. Today, there are hundreds of Newman Communities on campuses in every state, and in New Jersey there is a state province of Newman Communities of which Stevens is a part, where individual groups get together to share ideas on growth in the Christian life through prayer, study and community action.

Being a Christian is union with God through Christ. It is living the realization that Jesus Christ is the Way, the Truth and the Life, and that all the other ideas about Christianity flow from Him. The Newman Community on the Stevens campus attempts to live this realization. The Religious Center at 602 River Street, which consists of a small lounge, chapel, kitchen, office and library, is available to any student at any time. In the most recent semester the Newman Community has sponsored a lecture-discussion series, a weekly scripture study and a film festival on the Stevens campus, and has participated in regular province activities. Mass is celebrated on Sunday at 8 p.m. and Wednesday and 2:30 p.m.

RADIO CLUB





RAIL CLUB

As the name implies the Stevens Rail Club is a gathering place for members of the student body and faculty who have a general interest in railroading.

The rail club has long been a part of Stevens life, although not always in its present form. The original Rail Club ran live steam locomotives on the upper campus, just as John Stevens did.

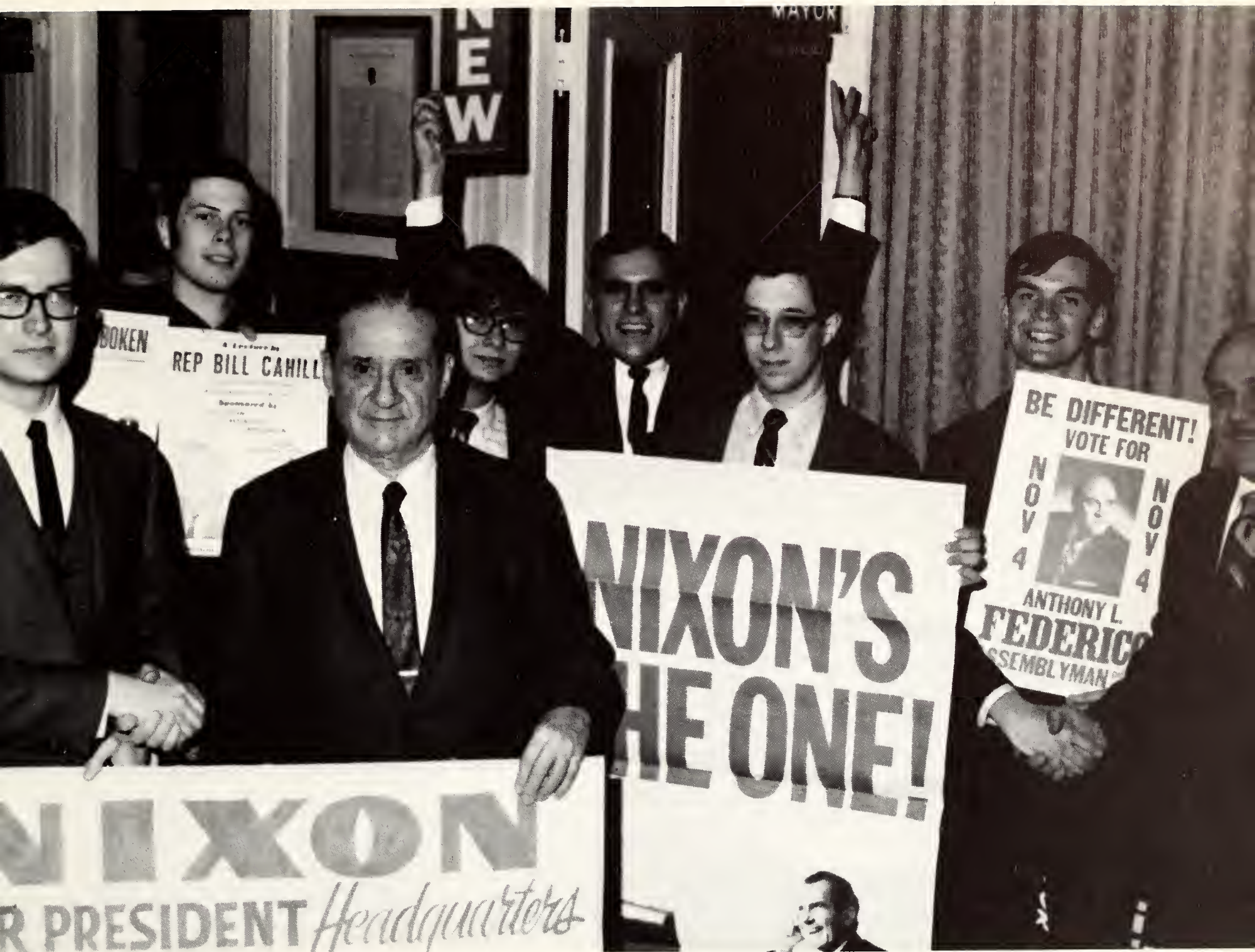
In the past year, club members have taken numerous trips to points of general railroad interest. At the same time, the Rail Club has been working to enlarge the layout, relay track, and improve the control system.

RIFLE CLUB

The Stevens Rifle Club was founded in the hazy days of the beginnings of Stevens and since that time has faded in and out of the Stevens scene. Now in 1970, after 100 years of Stevens' history the club is one of the most successful teams here at Stevens. The club has become one of the most formidable opponents in the Metropolitan Intercollegiate Rifle League. This road to success started a few years back with the enthusiasm and foresight of Bob Sutay '68. Soon the team had a coach, Sergeant Jim Weatherall of the Jersey City Police Dept., and the old power lab was converted into a rifle range. The team was shooting competition scores of 960.

The team now shoots 1040, on the average, and Sergeant Weatherall is now Lt. Weatherall. His rank has changed but not his dedication and enthusiasm as coach. This year's club president, Bill Cole '71, held not only the position of high scorer on the team but also the position of president of the M.I.R.L. Vice-president John Sutay '71, club secretary Jabe Luttrell '70 and the varsity members Sam Allen '70, Steve Roth '70, Ed VanderBush '71, Bob Pellek '71, and Bernie Lanwehr '72, through hard work and practice gave Stevens an 11 win, 4 loss season. They also had a hand in marking the entry of the club into national competition when the club was invited to participate in a National Intercollegiate Invitational Match at the United States Coast Guard Academy.





REPUBLICAN ASSOCIATION

The Stevens Republican Association is one of the youngest major clubs on campus. It was born at a meeting of twenty-five concerned students in the fall of 1967 while the anti-Johnson, anti-Democrat tide was raging in full force across the country. The club found, however, that the new Republican tide was causing hardly a ripple in Hoboken, situated, as it is, in staunchly Democratic Hudson County. John V. Kenny, one of the last of the big-time Democratic political bosses, still held the county in his iron strangle-hold. In spite of its recognized strength, however, the corrupt Hudson County political Machine (and especially its Hoboken sub-machine) was chosen as the Stevens Republican Association's number-one target for defeat.

As it turned out, the Hoboken GOP suffered its worse defeat in a decade in the 1967 general elections. The local Republican ticket was slaughtered 7-2. It was at this point, that the SRA came on the scene. The club members worked tirelessly during the 1968 Nixon campaign, saturating Hoboken with literature. The results were very heartening. This time, our local slate suffered only a 2-1 loss (a gain of about 11% over 1967). With hardly a chance to rest, the club plunged into the Hoboken municipal elections of the spring of 1969 even though there were no Republican candidates entered. The SRA supported an independent, anti-machine ticket which, after a one-sided, hard fought campaign, lost by only 6-5. The club has just completed its third major battle with the Machine. In the 1969 fall general elections, we managed to help the local GOP snag a full 40% of the Hoboken vote for the local ticket (a gain of 7% over 1968). The SRA plans continuing community action projects and an ever-increasing effort to usher Hoboken into the "New Republican Era."

SUE

The Society of Underwater Engineers has a two-fold purpose on the Stevens campus. First, the club attempts to instruct interested students in both the theoretical and practical knowledge required to become a safe diver. Second is the club's desire to acquaint the neophyte to different types and brands of equipment. Various lake and ocean dives are scheduled in both the spring and fall, enabling students to gain valuable open water diving time and enabling all members to enjoy the beauty of the world beneath the sea.





This year the Varsity "S" Club, which has long been a common base for friendship among Stevens athletes, will provide more opportunities than ever for participation. The new officers have been working with former president Dave Tanis '70 in an effort to make sure all Varsity letter winners are aware of all events connected with the club. The new officers are Gregory Scarcella '71 President, Don Suter '71 Vice-President, and Gene Straskulic '71 Secretary-Treasurer. The first event run by the new leaders was the IFC All-Star versus Faculty Basketball game, which was a moderate financial success. The club is also considering either another sports event or a dance to raise money. Sports films are also on the agenda in the near future for this purpose. The majority of funds raised are put towards purchasing letter sweaters for all 2-letter athletes who have enrolled in the club. Another way the club has planned to further increase the value of membership is to increase the frequency of meetings. Formerly, meetings were held only about once a term, but the new officers have plans to hold one meeting a month.

In short, the club's officers are making an attempt to enable all Stevens athletes to belong to an active organization on campus. But it takes the presence of these athletes at meetings to discuss what actions should be taken and which events are to be held. The officers do not feel that they should carry out such ideas without a good majority of the athletes, which comprise the largest single contingent on campus, to state their views.

VARSITY "S"

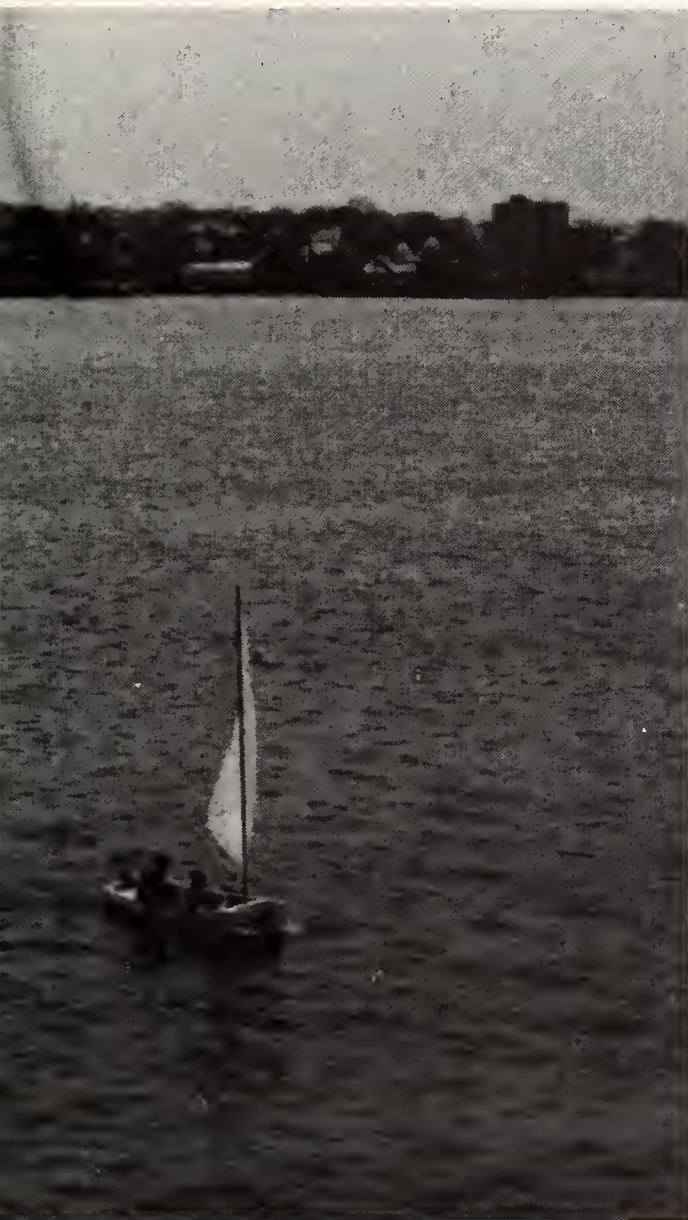
The Stevens family has long been a leader in many marine related fields. Our founding father designed and operated the first ferry service across the Hudson; while, his brother owned the America, one of the world's most famous sailing yachts. From this proud tradition arose the Stevens Yacht Club. This club has had a flattering history, since its founding in 1891; however, today with a strongly organized competitive student leadership which promotes sailing and competitive racing, the club has reached an apex.

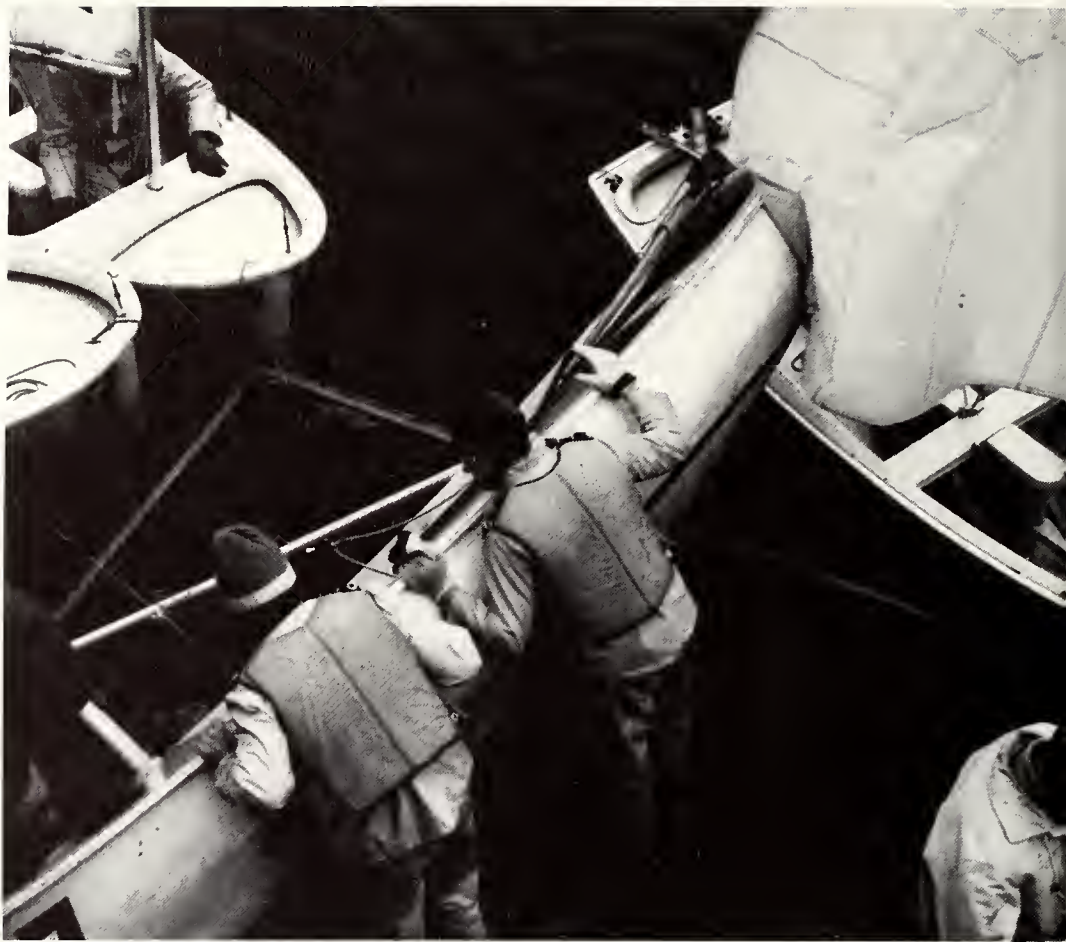
Any student may participate and may choose from one of three categories of membership. The least demanding being that of a participant in the sailing classes and lecture series. The next phase is to become a sailing member which allows the student to sail the boats and receive on-the-water instruction. The final and highest level consists of a racing membership which entitles the sailor to intercollegiate competition.

The future portends a successful and growing activity that all the Stevens students may be proud of and enjoy. The dock facilities located on Campus are nearing completion; while at the same time, our racing team has zoomed to the top, tying for first place in the Douglas Cup Regatta held in California during the fall of 1969.

YACHT CLUB









CHINESE
CLUB



PI DELTA EPSILON

WCPR





On December 7, 1959, WCPR, or WSRN (the Stevens Radio Network) as it was then called, first went on the air at 730 kHz. It promptly went off the air again due to insufficient funds until, in the spring of 1962, WSRN became firmly established in Room 333 of the Navy Building and began its upward climb on the electromagnetic ladder by broadcasting at 735 kHz with an extremely detuned ham radio transmitter.

Despite popular demand, WSRN climbed out of its hole in Navy to provide "music, news, and special events programs for the student body" from its new headquarters in a hole in the Stevens Center in 1964. By 1966 "the sparse talents of a handful of students had been pooled to provide the student body with carrier current AM radio entertainment six nights a week."

In an effort to forget its shameful past, WSRN became WCPR in 1967 and expanded to a three-room hole in the Stevens Center featuring, for the first time, "a control console, two tape cartridge units, two professional turntables, and a limiter-compressor," as well as WAAT's old transmitter. Was WCPR satisfied with success? No! Over the summer of 1967, station members worked tirelessly to create two control rooms with full, however ridiculous, facilities and installed a telephone system AT&T would have been proud to own (or at least destroy), a Weather teletype, and a souped-up carrier current transmitter whose frequency had now climbed to 740.

Letting success go to its head, WCPR continued its expansion in the 1967-68 terms broadcasting 24 hours a day by rebroadcasting WOR-FM when they were not on the air live. Then the arrival of the SS Stevens (KOWD) forced the station to go to multiple transmitters; two for the campus, one for fraternity row, and one for the ship. This forced the primary frequency of the station up to 750 (harmonics had always gone past the gamma ray frequencies) and caused a bit of concern when reception reports from Maine, Illinois, and Florida pointed out the fact that the light string of the ship made a damn good antenna. The multiple transmitters also enabled WCPR to be among the first to broadcast AM stereo to the "Ho Chi Minh trail" and the lawn between North dorm and the fraternities. That, along with broadcasts of basketball games, both home and away, and public service "gripe-ins," the WMCA/WCPR Battle of the Bands, and projects to exercise the men of B&G won WCPR the Harvey N. Davis Memorial Award at the 1968 Convocation services.

Last fall saw the coming of the WCPR Bearded Black Demon, a WCPR mock gubernatorial election, yet another WCPR Dance and Light Show, the publication of *The Top 100 Hits of 1969*, and the shocking lack of a WCPR Outhouse during All College Weekend.

This spring, WCPR again reshuffled its Board of Directors but then ... It started with an idea by Dick Teimer '72, then WCPR's secretary, but it grew, and grew, and grew, till by 9 pm on February 10, 1970 WCPR was ready to begin its 48 hour Radiothon for Ecological Progress, an event that received nationwide radio, TV, wireservice, and newspaper coverage. Money collected was donated to N. J. Citizens for Clean Air while publicity collected was donated to Stevens.

Not content to sit idly by resting on past achievements, WCPR was among the first to organize for Earth Day (the nationwide environmental teach-in on April 22), sponsored newer and bigger gripe-ins between students, faculty, administration, alumni, staff, and innocent bystanders, and created an eclipse (or at least an eclipse bulletin) in conjunction with the American Museum Hayden Planetarium on March 7, and, of course, there was a bigger than ever dance and light show.

What does WCPR plan for the future? Well, those three antenna towers in the picture behind WCPR's officers are respectively, from left to right, WCPR, WCPR-FM, and WCPR-TV. WCPR's international broadcast antennas are located in Scituate, Massachusetts.

(Antenna towers courtesy of WPAT, Paterson, N. J. Implication of Scituate antennas courtesy of WNYW)



EVENTS

EVENTS, our beloved campus humor magazine, is celebrating its thirtieth birthday this year much to the chagrin of the Stevens faculty and administration. During this epoch, EVENTS has established itself as a staunch crusader for the underdog, namely the students. Times have been hard, and occasionally Events has faltered; as recently as six years ago, the magazine was forced to fight its way back from oblivion. Throughout this period, we have diligently improved, always maintaining our sense of humor—for humor is our trademark. The past issue had a circulation of over one thousand copies. Local merchants and other campus organizations assist us financially by advertising in Events.

Though our point of view may be at times controversial, we all feel that our laudatory objectives have always been on behalf of the student body. Nevertheless, those carefree, fun-loving members of our staff would like to take this opportunity to thank you for your support and are all looking forward to the next issue of Events.



I.F.C. News

The Interfraternity Council at Stevens is one of the largest organizations on our campus. Its membership stands at well over four hundred. It is one of the most responsible organizations and has a great amount of influence with both the faculty and the administration.

Ten fraternities are represented in the IFC: Alpha Sigma Phi, Beta Theta Pi, Chi Phi, Chi Psi, Delta Tau Delta, Phi Sigma Kappa, Pi Lambda Phi, Sigma Nu, Sigma Phi Epsilon, and Theta Xi.

Each fraternity member is automatically a member in the IFC. Each fraternity is represented at the IFC by its house president. In addition, there are ten standing committees, each of which is headed by one person from each fraternity. The presiding committee, called the Executive Council, is composed of three members, the President, the Vice President, and the Secretary-Treasurer. The President is the presiding head of the council and coordinates and directs the committee heads. The Vice President acts as a liaison between the IFC and the Student Council. The Secretary-Treasurer is the record keeper and director of finance for the council.

There are ten committees: Activities, Alumni, Athletic, Plaque and Traditions, Publications, Public Relations, Scholarship, Social, Rushing and Ways and Means.

The Activities Chairman is responsible for supervising and coordinating any IFC activities such as fund raising campaigns, sports events, and lectures.

The Alumni Chairman maintains house-to-house contact and is also the head of the Alumni IFC.

The Athletic Chairman directs all athletic events. He must acquire the gym or field house and he must also prepare the schedules for all interfraternity competition.

The Plaque and Tradition Chairman's duty is to maintain the various IFC traditions and to prepare awards for contests and activities.

The Publications Chairman is responsible for editing and publishing all IFC publications. These include the rushing booklet, all IFC calendars, and notes.

The Public Relations Chairman communicates with the Statesregular, by submitting various articles for publication. He also communicates between the IFC and other local newspapers.

**GIVE
A
DAMN**

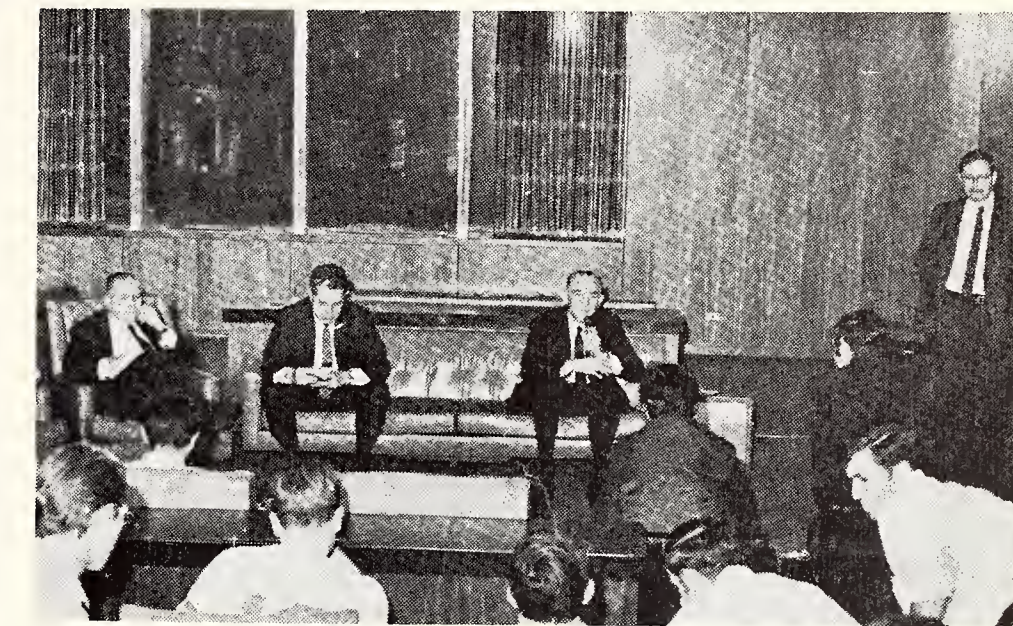
Davis Discusses Stevens Future, Review Board, & Athletic Council

by Vinnie Smith '71

The most recent President's Forum was held last Monday, March 17, 1969, in the student Lounge of the Stevens Center beginning at 4:00 P.M. For two hours approximately 150 students questioned Dr. Davis, Dean McLean, Mr. Francis Lane, Dean Bingham and Dr. Rogers, head of the physics department. It is hoped by both the administration and the students that this form of communication will help to answer students' questions, and more importantly do something about their complaints.

The session started slowly with Dr. Davis answering that the original date of the President's Forum had to be changed from March 26 because he would be visiting alumni all over the country. Next came a harder question as to how the administration was going to keep Tech from getting stagnant in the future and what plans had been made to keep Stevens rolling. Dr. Davis answered that right now "Tech is one of the best engineering schools in the country" and in order to keep it that way the administration is trying to hire the best teachers possible. He also said that Rockwell and Associates are going to give us a long range plan of the campus for the next few years, in particular, the \$15.5 million expansion program including a new Chemical Engineering and Chemistry Building and new gym facilities.

After this, one of the most controversial points of the day was raised, concerning our Student Review Board and the possibilities of faculty and curriculum evaluation. Dean McLean replied that the Review Board had in its possession a faculty evaluation questionnaire from Princeton and he was in the process of obtaining ones from Stanford and Amherst. McLean said it was up to the Student Review Board to use it if they wished. The students were told that action concerning the curriculum changes hasn't been held up but Dean McLean doubted that students would be permitted on the Faculty Evaluation Committee



President's Forum

in charge of curriculum changes.

A question was put to Dr. Davis concerning how the critical shortage of money belonging to the Student Council could be alleviated. He said that the \$50 per man per year allotment could be changed by a vote of the students. President Davis explained that \$29 was given to the Student Council and

\$21 to the Athletic Council. Mr. Francis Lane, treasurer of the institute, answered that right now the Athletic Council has approximately \$30,800 in the bank much to the disagreement of Dean Bingham who, before the figures were released, said, "There's no such sum in the Athletic Council's account and Professor Misar assured me of it. If there is such a sum we've got to find it and do something with it."

Stute Elections Conducted; Machado Succeeds Crispin

On Wednesday, February 5, the staff of THE STUTE elected Norby Machado '70 as its new Editor-in-Chief for 1969. He and Eric Holwitt '70, who was elected Business Manager, had both been nominated for the posts the night

Castle Point Restaurant

"Best Cup of Coffee in Town"

Sixth and Washington Sts.

StuCo Elects New Officers H. Brecher Chosen Prexy

The Student Council met last Sunday evening to elect its officers for the school year of 1969-70.

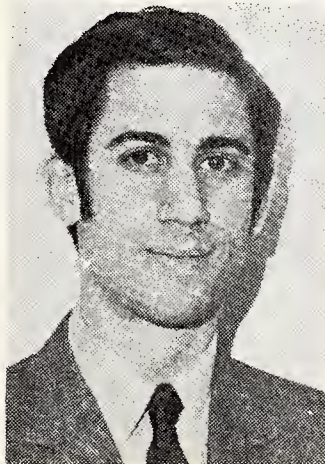
Howie Brecher '70 of Pi Lambda Phi was chosen to be the Student Council President. Howie is a past Secretary of the Council and was elected Vice President of the Class of 1970. He also was IFC Social Chairman and a Resident Assistant.

Chosen to be the Vice-President was John Ferrer '70 of Chi Phi. John is Past President of the Class of 1970 and Past Treasurer of the Council and the new Treasurer of the Class of 1970.

Raymond Nalepa '71 of Sigma Phi Epsilon was elected to the position of Secretary. Ray is the Vice-President of the Class of 1971. He was also head of the Student Council Activities Committee and Student Council Representative to the Honor Board.

Dan Meehan '71 of Phi Sigma Kappa was elected Treasurer. He

(Continued on Page 6 Col. 3)



Howie Brecher '70



Pete Shearer and Norby Machado, both '69.

before by Pi Delta Epsilon.

Gerry Crispin, Editor-in-Chief Emeritus, when asked to comment on the timing of the elections, stated that they were

held early in accordance with an agreement made by Khoda members where a change of leadership would be attempted as early as possible in the new term, so that

(Continued on Page 18, Col. 4)

Stagnation . . .

Stagnation, n.: The lack of briskness or activity, dullness; sluggishness. A sickness last detected up on the Point, mainly among members of the faculty.

The preceding definition is directed to the Stevens faculty and their continued failure to keep pace with modern educational policy and procedure, thus strangling the school to death with its archaic methods.

Interest concerning a new calendar arose last spring and inspired a few students to draft a calendar which would improve the current one. The result was the formation of an Ad Hoc Committee on the Calendar which would study both the pros and cons. Nine long months were spent by the committee in investigation. Many hours of work were spent by a committee which showed a true desire to do what was best for the student. In order to learn if the students were behind the new proposed calendar, a poll was taken which showed undergraduate support for the new calendar in the ratio of 5 to 1. Graduate students polled supported it on a 20 to 1 ratio. After seeing the overwhelming support of the new calendar, a tasteful, lengthy report was prepared by the members of the committee in which everything concerning the student was covered. Was this enough to show the faculty that a change was necessary? Hell No!!

Unbelievable as it may seem, there are some faculty members who would, in this day and age, actually consider starting the school year later and ending it later with no regard to the majority opinion presented by the students. It is unbelievable that there are some members of the faculty who have taught here for forty years and have not updated their thinking one iota. The educational system of today and the students of today are not those of forty years ago or even those of a few years ago. proposals, pretending more knowledge about students than the students themselves, they become angry, frustrated, and P.O.'d proposals, pretending more knowledge about students than the students themselves, they become angry, frustrated, and P.O.'d about the whole thing.

The arguments for change proposed by the Ad Hoc Calendar Committee are overwhelming. The students have expressed their opinions not once, but twice. They feel that the new calendar will be beneficial to them, the Stevens

Letters

Stevens Alumni
% Editor, The Stute
Dear Alumni:

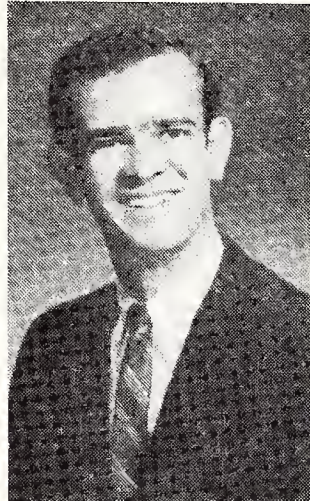
"So much is happening in the administration of higher educational institutions these days that newspapers devote pages where they usually allowed paragraphs . . . but unfortunately official college administrative and alumni publications are deftly sidestepping their obligations of printing the truth of today's university problems, not the least guilty of which is our own "Stevens Indicator." This opening quote introduces an editorial in this Spring 1969 Stevens Alumni magazine, entitled "The 2" x 4". Commenting on contemporary student life at the Old Stone Mill, editor Laurence A. Minck, '53, characterized the STUTE as having " . . . idealism, impatience, impetuosity, impertinence, intelligence, and sometimes impotence." These are remarks coming from essentially the same generation that brought us such notables as Strom Thurmond, recession, return to isolationism, Richard Daly, George Wallace, the Middle East Crisis, counterinsurgency, the Bay of Pigs, presidential assassination, racial violence, the 1968 Democratic Convention, Bobby Baker, Jimmy Hoffa, ICBM's, starvation in Biafra, fiasco in Viet Nam, tax surcharge, U-2 spy planes (that crash), thalidomide, MIRV's perpetuation of an unfair military conscription, inflation, Charles DeGaulle, Selma Alabama, police who club pacific coeds, nuclear "overkill," air and water pollution, wholesale death in the nations mines, . . .

Pseudo-avant-guardsman, Charles

Schnabolk, secretary of the Class of '53 complains that students "don't seem to have fun anymore." This comes from a college graduate of the McCarthy know-nothing years. "Student's should stop treating the college like an industrial organization." Well Mr. Schnabolk, suppose Stevens first ceases to act like a Madison Avenue Business. Suppose first, the window washers who come around campus three days prior to Alumni Day and Parent's Day are not (unaffectionately known to students by the initials S.H.E. symbolizing an appellation not as unmentionable as your four-lettered titled book); suppose the Business Office manages its accounts efficiently as a COLLEGE bursary and not as an impersonal metropolitan bank; suppose the money spent for sod around the library last week was first put on the shelves inside as books, now that we have an effective library and staff; suppose the Indicator ceases to quote student publications out of context (thus flavoring what should be news) with all the sterility and conservatism of an industrial report to stockholders or college catalogue. Suppose the alumni and their formal organizations concern themselves with effectiveness at the insignificant expense of appearance (e.g. "a recent editorial stupidly stated students were recommending friends to go to some other engineering college." Get with it Mr. Minck! Your choice of adverbs shows you're out-of-touch.) Suppose Alumni are no longer lied to explicitly and implicitly: RE Spring '69 Indicator, page 6: the students at that leadership conference said nothing at all about a "fruitless" Student Review Board; rather, the converse was true (get your notes straight, reporter!); ibid, page 14: honor leaves the Stevens campus in adherence to, support of, and prosecution within the Honor System, and it rates all of a two column factual relation of events, incomplete as it is; again page 6: at no time did the originators of

Spotlight on Norby Machado Past Editor Notes Changes

This week the Senior Spotlight is focused on Norby Machado, best known on campus for his job as Editor-in-Chief of the STUTE. Besides being the former editor, he is president of Pi Delta Epsilon, former President and pledgemaster of Beta Theta Pi, a member of Khoda, of Gear and Triangle, and of Alpha Phi Omega, and is head R.A. He also won the APO Ugly Man Contest last semester.



Norby Machado

In talking about what he considered to be the most significant changes on the Tech scene during his three years here, Norby replied that it was the increased involvement of students in campus affairs. Specifically, he cited the number of students involved in faculty committees, and he commends the faculty for realizing the importance of students in influencing campus life. Norby also mentioned that Tech has come out of its rut by updating its policies, such as allowing women in freshmen dorms.

As for further improvements, Norby feels that the faculty should listen more to the students, since "the main reason for their existence is the students themselves, and if the students see that their faculty doesn't care or is incapable, they'll leave the school with bad memories."

Norby feels more student-faculty discussions should be encouraged. As an R.A., he hears the freshmen's complaints, and believes if they go to their professors with the same complaints, then they (the professors) can understand exactly what is wrong.

Talking about needed changes in the Stevens curriculum, Norby mentioned that the school should try to consider offering a management degree since many students here are interested not in engineering but in fields related to it. Also, he feels that the unified curriculum is unrealistic; for instance, an electrical engineering

"Dump" buttons "prefer to stay underground," or attempt to do so.

" . . . how many other people at Stevens really have put out for the students as much as the P.E. (Physical Education) people?" To this one young alumnus. . . to all the alumni. . . I would say walk through Navy, Burchard, the A-Building, the dorms, and see how Stevens Students make constant vulgar derogation against her, with a malice and disrespect not seen in such discouraging proportions on other college campuses. Then look for avenues of manifestation of pride by spectator involvement in athletic contests. You won't find such alley ways of opportunities to have some pride or to vent frustration, on Castle Point. Ask an administrator-member of the Association how much money is in the AA treasury, he replies (to his knowledge) there is nothing. Ask the business office—they say over \$25,000.

The "button-movement" was "not (as also stated in that letter, Mr. Minck) another ephemeral cause to be championed for want of

major will find that his circuits class goes along too slowly, whereas a chemical or mechanical engineering major will find that the class moves at too fast a tempo. For this reason, Norby thinks the circuits course should be separate for the EE's, so that they can get a more specialized form of the course, and get the background they need without being hampered or slowed down by the rest of the class.

Upon being questioned about his opinions about the IFC, Norby replied that he is very proud to be a fraternity man, and enjoys the fraternity very much. However, he stated that he wishes he had the mind and attitude of a senior when he was a sophomore, so that he wouldn't have mistaken rivalry among the houses for hatred. Concerning the rushing procedures now in effect, he feels that a change is necessary. "As it stands now," he said, "there is much room for misunderstanding." He favors an open rush system, which would make it harder for anybody to be "snowed". Under this system, freshmen would be allowed at fraternity parties by invitation, and rules like that prohibiting contact in the cafeteria would be abolished. Norby then went on to say that his involvement in his fraternity made him more active on campus, that it "makes you want to excel to make the house better; therefore you go out and get involved in the campus."

When asked about the defeat of the proposed calendar changes, Norby replied, "Nothing disappointed me more. I saw the committee work so hard on it for months, that to have a group of people, people who don't do anything but show up at faculty meetings, shoot it down is criminal. I can't understand it, since the faculty have to stay around during the summer anyway. The calendar change wouldn't really affect them at all, but it would benefit the students." He added that "Tech students deserve every reasonable change. It's they who are trying to better the school. Many of us have given up class time to get things accomplished, and it's very bad to see it all shot down so unreasonably."

Norby's plans for the future include graduate school. He doesn't plan to go into engineering, because he has no interest in it. As an alternative to grad school, he may join VISTA, to do work preferably among the American Indians.

In closing, Norby had a few words for his former Stute staff: "I would like to thank a wonderful staff for all the help they have given me. People don't appreciate how much time has to be put in at this job. This usually means no rack on Wednesday nights, falling behind in school work, and very hard work. I wish Hank, Bob, and Andy a successful year, and hope his staff works as hard as mine did."

something better to do." It was not a "phase" of any elaborately planned movement. It was not after men, but rather concepts, "stagnation of ideas, is perhaps the worst disease that can afflict an institution of higher learning."

"This stagnation can be replaced with a progressive 'dynamicism' without impeaching anyone—if they will allow it."

This includes alumni . . . past, present, and future.

James M. Walsh
Vice President
Class of 1969

Originator of the "dump" button

Hard Work . . .

This week marks the final issue of The STUTE for we, the senior members of the editorial board. Working for the STUTE for the past three and one half years has been much more than just an extracurricular activity for us. It has been an avocation, a labor of love.

If our editorial position in the last year has offended anyone we are sorry. Our opinions have been presented honestly and in good faith. They reflect what we sincerely believe to be the best interests of Stevens in general and, most importantly, of the student body—for the student body is the reason for the existence of this institution. Our primary responsibility and the primary responsibility of every member of the faculty and staff is to serve them.

We wish to extend our grateful thanks to the members of our staff. They have shown an extraordinary willingness to give many hours of their time each week so that the rest of the student body may benefit. We wish our successors the best of luck. We are confident that, through their efforts and talents, next year will mark the best year of the STUTES ever.

The Stute

Affiliated with Pi Delta Epsilon
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Editor-in-Chief	
304	168
Managing Editor	Business Manager
323	188
Associate Editor	Assistant Editor
303	
Visiting Editor	
61	69
117	276
Layout Editors	News Editor
181	360
Photography Editor	Features Editor
129	
256	
Sports Editors	
315-4F	240
Headlines Editor	Typing Editor

THE MAKING OF A STUTE



by Ed Caputo '73 and Bill Shutte '73

Major Decisions

We are proud to unfold this year for our many readers a daring expose of the conspiracy dedicated to placing in their hand the official student newspaper: the editors and staff of THE STUTE. Many of you have probably wondered just what kind of people could possibly lend their journalistic reputations to the production each week, and we hope a bit of this confusion can be relieved by this explanation of the long hours of preparation that go into the making of the paper each week.

This paper has a sixteen-man editorial board, each of whom is responsible for one phase of operations for each issue.

General Coordination

Managing Editor Pete Shearer's primary concern is the coordination of all written work being done for the forthcoming issue. It is his job to keep in touch with the news, features, and sports editors to insure that their stories will be in on time, and to generally make sure that things are running smoothly. He is, theoretically, the Editor-in-Chief's right hand man, and while Norby must insure the existence and prospering of the paper, Pete is responsible for the basics of each issue.



Features are Bulk

Features Editors Andy Solano and Bob Pinelli have a bit of an easier time of it, yet it is their articles that must fill the bulk of THE STUTE. A lot of feature articles, which are more or less analyzations of past news events as well as weekly columns, mean that more ads can be accepted for the paper because more pages can be run in each issue. While news fills the front page and sports the back, it is the features that must fill the majority of the remaining pages of the paper.

Feature articles are different from all others in that they did not just happen; they must be "Invented" by the features editors. A lot of time is given to thinking up what particular phase of campus life should be illuminated by a feature in the paper. Once an idea comes to their heads and two are better than one), a feature reporter is sent scurrying off to write about it. He and Bob are also responsible for weekly columns, such as Bob Stack's "Senior Spotlight", Bill Reynold's "Pass the Word", and Bruce Crichton's "Bridge on Campus". These features also help to round out the paper.

Business Manager Eric Holwitt keeps tabs on all money being spent and collected by THE STUTE in its daily workings. Detailed records are kept of the paper's credits and debits, and there are various accounts for the miscellaneous items such as phone, postage, and store accounts and accounts for advertisements and printing expenses. Correspondence records are also kept, and Eric is responsible for determining the size of each term's Student Council monetary request for THE STUTE. Each of the other editorial posts are directly responsible to either Pete or Eric, while they are responsible to the Editor-in-Chief. In this way it is insured that each man is doing his job properly, and is keeping tabs on his staff.

Week Long Work Cycle

Being a weekly, THE STUTE, is written and prepared in week long cycles. From the moment the paper is in your hand Friday afternoon, work is already being commenced on the following week's issue. The weekend is employed by the staffs of News Editor Gene Vater '71, Features Bob Pinelli '71, and Editors Bob Ball '70, and Pete Morelli '70, to gather information and write their articles for the coming week.



Powerful Tool

Bob Ball and Pete Morelli hold unique places on the editorial board in that they are the only editors outside of the editor-in-chief to have their own forum for their opinions, "Sporting Comment". Speaking about their opinions, Bob remarked, "you confine it to sports when you can, though it is made more interesting by branching out. "Pete and Bob's column does give them a powerful tool for speaking out on what they feel is wrong, (and often, to praise what they feel is right) in the Stevens sporting world, such as the attitude of the school toward sports, lack of attendance at varsity games, and the condition of our athletic field, to name a few.

Their articles each week usually concern what is happening and has happened in sports and activities connected with sports in the past week. Previews of a forthcoming varsity season are often done, along with summaries of the end of the season of another sport.

Although news and sports articles are both done on a short-term basis, Bob admits to it being easier for him than for News Editor Gene Vater, since Bob knows exactly when a particular sports event is due to occur and can thus be sure of having one of his staff on hand for the outcome.

Toughest Job

Gene has the toughest job of getting in his articles each week since news, unlike features and sports, does not wait until the reporter arrives before taking place. Gene checks the calendar and all posters and bulletin boards to keep tab on campus happenings. He also has at least one person in each department to keep him abreast of the news emanating from therein, as well as knowing people in the Student Council, and Student Review Board, and other activities. Word of future news also comes from Stevens' Public Relations Department, and occasionally Gene is approached by a member of the administration with a hot lead for a news story.

Gene also claims to have the proverbial nose-for-news. "Once in a while it just hits you on the head, he says." The important thing is as soon as you see something happening, ask around. Keeping your ears and eyes open and asking questions are the most important." Once his skull has been dented by some news falling from the sky, Gene send out one of his reporters to cover the story. News articles have to be in by 8:00 P.M. Tuesday night.

Photos a Must

No newspaper would be complete without pictures. THE STUTE could not have become "the Picture Newspaper" without the unerring work of photography editor Rich Schmabolk '71 and his staff of camera buffs. Rich is contacted by the features editor on Friday in regard to photographs they feel would go best with their forthcoming articles, and the weekend is employed to do this work.

Once the features have been turned in, the features editors confer with the managing editor Pete Shearer to determine the size of the paper to be printed that week. The news and sports editors are expected to save enough news and sports to fill their respectable pages, and "carry", or story material continued onto another page, will usually fill the gaps in the next-to-last page of THE STUTE. Should Gene, Bob, or Pete expect any especially long articles or special presentations, they must notify Norby at this time. But, as mentioned before, features are the paper's biggest variable and their size will determine the number of interior pages for that week.

Once Norby has determined that the paper is to be eight or more pages long, preparation must be made for layout work to be done Tuesday night. Wednesday night is the usual time for putting out the paper each week, but usually no more than six pages are prepared on Wednesday alone. Norby must therefore determine from his discussions with the various editors how long the paper is to be, and make plans, if necessary, to work Tuesday night.

Tuesday Night Work

Features and ads are usually laid-out Tuesday night, with news and sports done on Wednesday. Once the features, news and sports editors have done their jobs, the appropriately-named Layout editors Gary Fitzgerald '71 and Dave Hardgrove '71, go to work. Articles are typed, then proofed and counted by Copy Editors Andy Solano '71 and Bob Pinelli, and their staff who are responsible for the errors (or should we say, lack of them) in spelling and the English language.

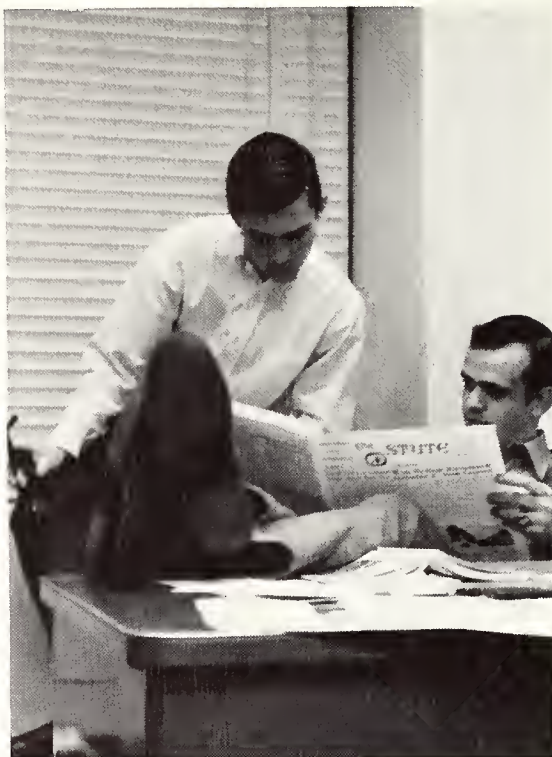
It is interesting to note that Bob and Andy are probably the only Techmen who read every article in THE STUTE, and they admit, "we refuse to read the paper when it comes out." News stories must be checked as to proper style and accuracy of facts, following the old adage that the first paragraph must tell who, what, when, where, and how and the remainder of the article merely elaborates on those facts. Features articles are less restricted, and can follow any format or style desired by the author. Copy work here is restricted to grammatical errors or poor sentence and paragraph construction.

Pleasing Appearance Provided

Once the articles have been proofed and counted, they must be fitted together so as to provide a pleasing appearance for the paper and to best utilize the available space. Articles are fitted on the pages in 8 point type at the rate of 36 words per column-inch (1 inch high and 1 column wide, there being 5 columns to the page and 15½ inches to the column) with the opening lines usually set in 10 point type, enabling the printer to fit 18 words per column ¾ inch, to provide contrast to draw the reader's attention to the opening, and thus most important sentences of a story.

In layout work, care is taken to avoid "page splits," whereby there is a distinct separation between columns with all stories on the page on one or the other side of this imaginary line. The relative importance of stories is important, too. News of the latest ASCI meeting does not make a good lead story, nor is it advisable to tuck a good feature under the latest ad for Mrs Schwartz' chicken fat.

Photographs must be properly integrated into the page along with their respective articles, and care must be taken to avoid stacking of pictures like so many building blocks. Placement of photos must be balanced, with some pictures on one side of the page and some on the other. Since photos are the most striking portion of a paper and will usually catch the eye often before the headline, their proper placement is most important. The articles themselves must be fitted in to match the photographs, not the other way around, making good photography work a must.



Layout Work Done By All

Layout work is also done by the news, features, and sports editors in order for them to insure what they feel is proper placement of their articles on their respective pages.

During all this activity by the various editors, Editor-in-Chief Norby Machado is busy, as well. As President of the Stevens chapter of Pi Delta Epsilon, the national journalism fraternity, Norby attends Student Council meetings every Monday night as their representative. On Tuesday sees News Editor Gene Vator to suggest leads for possible news articles that Gene may not have known about, as well as spending an hour at his daily task of looking through THE STUTE mail.

Once the articles are laid out, Gary and Dave plan what style of headline is to fit each one. The type of styles on the headlines are, like the photos, another eye-catching feature of the paper. Care must be taken to use the correct size headline for each article depending, again, on its relative importance. Headlines on the same page must have varied styles, with block (straight letters) and script (slanted letters) styles intermixed for an effect that is pleasing to the reader and that will still call his attention to the most important of the articles on any given page.

The chosen size and style of the headline determines its "count." Each small and capital letter (and spaces between words) requires 1 count except for f, l, i, and t which are ½, and M, m, W, and w which are 1½. Thus when the layout editor determines that a certain style of headline is to be used over a certain number of columns he gives it a count and sends it on to the copy editor. A typical 2-column headline will have a count of 24, and it is up to the copy editor and his staff (or whoever he can get at 3:30 a.m. when headlines are usually written) to fit the best possible headline of 24 count length into that particular space.

It should be noted that layout and copy work are not done by the layout and copy editors alone. THE STUTE'S jacks-of-all-trades Pete Shearer and Bob Pinelli are often working diligently at both jobs. Norby, of course, must be in a position to know about all phases of the paper's operations, and as such is skilled at copywork, layout and make-up work, news, features, and sports. As the editor-in-chief Norby is the official conveyor of the "view from the top" to those doing the actual work of writing and making-up the coming week's issue.

Driver Needed

On Wednesday afternoons Norby is kept busy seeing various deans and professors who have contacted him to meet with them to discuss any ideas they may have with regard to THE STUTE. Norby is responsible for finding someone on Wednesday night) or is it Thursday morning?) to drive the paper out to the printer's shop in Caldwell, for which he is paid for his gas and for a hearty breakfast while returning to the campus. On Wednesday nights Norby sends out to Gino's for soda and pizza to keep his staff going till the wee hours of the morning.



Editorials Encourage Changes

On Wednesday night Norby writes the editorials. "The responsibility of the newspaper to the student body is the concern of the Editor-in-Chief," he said. "He has the responsibility to find faults and point them out in editorials." The correction of faults is achieved by first pointing them out in editorials, then following with a campaign to have them changed. An example of this was last term's campaign to revitalize the faculty and get them working with the students, and this term's campaign to get a calendar acceptable to all. Whatever opinion the paper takes is usually the opinion of the entire editorial board, although only the editor-in-chief is held directly responsible.

Thursday night Norby and the entire staff are free to relax from the trying times behind them and to catch up on recently missed sleep. Friday, he aids Eric Holwitt in getting the paper distributed. It is, in all, a 25-30 hour work week for Norby, though his actual physical contribution is not as important as the decisions he makes during the week.

To run an ad in THE STUTE requires an insertion order or contract, telling what ad to run, the date it is to run, and the best place to run it (not opposite competitor's advertisement, etc.) Mats, or backwards reproductions of the exact ad, are sent to the paper by NEAS, which gets them from the company's advertising agency, to use in printing them. These mats are usually received in advance and are stored until needed. Copies of the paper are sent to NEAS and to the local advertisers along with a bill for the advertising run.

NEAS passes the bill onto the advertising agency handling the account and it passes on to the company. All bills paid within ten days receive a two percent discount. Thus if the company pays the agency on time it gets ten percent off from the \$2.10. The agency takes 68 percent commission on what is left, and if it pays its bill to NEAS on time, two percent gets taken off on that. NEAS then takes 20% of whatever is left. If ads bills have been paid on time THE STUTE receives about 66.4% of the \$2.10, or about \$1.40 per column inch.

About 1950 STUTES are printed up each week. The cost is \$150 for the first two pages and \$100 for each page thereafter (not that THE STUTE is never an odd number of pages, since we use a special kind of paper with two sides to every sheet). The more photos in an issue, the more it usually costs to have it printed.

Although the publication of the paper is done in terms of editorial positions, there would certainly be no paper each week without the hard working STUTE staff. Behind every good editor is a good staff, because if you think the editors are going to do all the work themselves, forget it! Every editor was once a staff member and many staff members will eventually become editors.

Being on the paper is not easy work. It is hard work, as a matter of fact. It is also rewarding to know that you are not only doing a service for the school but to yourself. For to write a paper is a little sign that maybe you'll learn more from you years at Tech than F is equal to ma.





In reflecting upon our athletic successes and failures during our Tech careers, we become aware of an increasing involvement with sports on the Stevens campus. While attendance at various games was not always of the "standing room only" level, vast improvements in spectator support has been noted throughout the previous years. Curiously, during this time the calibre of our teams have risen so that as we graduate, Tech has attained the .500 level in many competitive sports.

This only goes to show the importance of the fan to his team, for we believe the roar of the crowd provides the added incentive necessary to emerge victorious. For a school which basically is not athletically oriented, a break-even record is most encouraging. However, let us not forget to pay our due respects to those varsity athletes who strove so diligently during their stay at Tech to contribute to Stevens' improvement. These men are truly to be congratulated for their efforts.

Yet, not all advancements were made on the actual field of combat. Behind the scenes activities have gained prominence. Drives to revise and improve existing physical education instructions, update field conditions and athletic equipment, and to instill a general feeling of necessity and pride in the physical as well as mental development of the individual have gained much strength during the past four years. Hopefully, the Centennial Fund will alleviate some of our monetary ills so that construction of a new gymnasium will be an important part of Stevens' building program. However, we believe the increased student-faculty relations will serve to break down traditional barriers and produce a feeling of unity and dedication.

In summary then, what true value has been afforded each of us by an athletic program here at Tech? Surely, not all of us had the ability or desire to participate on a varsity team, yet we believe that each of us is a little better man for the existence of the athletic program. Whether competing in IFC games or merely experiencing the vicarious thrill felt when a home run is hit, or an important basket is made, another facet of the "total man", is formed. For sports represents a challenge, whether it be a team or individual effort. The contestant is called upon to match his skills against the skills of others engaged in a similar activity. Isn't that what life is all about?

Stevens Cagers Victorious Double Overtime Gives Win

The Stevens basketball team was victorious Wednesday night, in a fast moving double overtime game against Brooklyn Poly. The Tech cagers were led by Art Kelto '72, who had 26 points and Art Durham '72, who helped the winning cause with very strong rebounding, 26 in all. In scoring 26 points, Kelto has established himself as the leading scorer in the Eastern small college division.

The game started out as a run-away for Brooklyn Poly when they took a 10-2 lead in the first 3 minutes of play. But then the deadly shooting of Kelto brought Tech back from a 12 point deficit to a 9 point deficit at half time (37-28). After some shaky moments in the beginning of the second half Tech began a comeback which was sparked by Jamie Burns

'71. The score at the end of regulation time was Poly 58 - Tech 58. The first overtime saw the lead shift back and forth before a desperation shot by Ron "King" West fell short at the buzzer. In the second overtime Tech went out determined to fight, get the lead, and hold it, which they eventually did. The final score of the game was Stevens 74 - Brooklyn Poly 72. Tomorrow the Stevens cagers will be host to the PMC team. PMC is considered one of the strongest teams in defense. Let's see what they can do to our much improved offense.

IDC Sports

Hayden took two points from 604 River Street Wednesday by defeating them in bowling. Tom Romano rolled a 227 game for Hayden. North and Palmer engaged in a double forfeit. The Standings as of 11/6/69 are:

1. South	5 pts.
2. 604 River St.	5 pts.
3. Ship	4 pts.
4. Hayden	3 pts.
5. North	2 pts.
6. Palmer	2 pts.

IDC basketball and squash will start next week with the commuters composing a seventh team in basketball. The schedules are listed below.

Mr. Frank Misar of the Physical Education Department has donated a plaque which will be given to the dormitory accumulating the most points in IDC competition over the school year. Take advantage of the facilities the IDC is making available to the dormitory residents, the plaque, and the prize awarded for winning each sport.

1. North	3. Hayden	5. Ship
2. South	4. Palmer	6. 604 River St.
		7. Commuters

Tech Fencers Undefeated; Beat Pace, Haverford, Alumni

by Karl Weinrich '71

Stevens Tech fencers now have a 2-0 record plus a win over the Alumni for an over-all record of 3-0.

On Wednesday the 10th of December, the fencing team handily overcame Pace College of New York City. After the usual slow start, the fencers were able to finish off Pace with a 17-10 score. In the winning effort Herman Kunis fought a great come-from-behind bout to win, and John Lynch took the 14th bout to win the meet. Kunis, Lynch, Alan Wells, Joe Piggott, John Royal, and Frank Coulter each won two bouts. Cecil Kingsley, Bruce Lutz, Gary DeGaetano, Bob Brady, and Gary Caine all won one bout apiece.

Last Saturday evening, December 13, coach Kirms cleared the bench and Haverford College of Pennsylvania, was still unable to close-up the score. Eighteen fencers fought with the resulting shellacking score of 20-7. When Jeff Spahn took the 14th bout to win the meet, Haverford had won only two bouts. Co-Captains John Royal and Joe Piggott took three bouts between them. Bruce Lutz, Frank Coulter, and John Lynch each won two bouts. While Herman Kunis won three bouts, Cecil Kingsley, Bob Brady, Alan Wells, Bill Cole, Bill Buntmeyer, Phil Fullam, and Pat Ferrara all took one bout apiece.

Finally on last Thanksgiving weekend, November 29, Stevens Tech Fencers skewered the Alumni in a well fought match. Co-Captains Joe Piggott and John Royal each won two bouts in the winning effort. They were joined by Frank Coulter, Cecil Kingsley, and Bruce Lutz who also won two bouts. Jeff Spahn, Herman Kunis, John Lynch, and Alan Wells all had a win. This combined for a fine 15-12 win over the forever luckless alumni.

IFC Sports

Bowling got started off on March 16 with Pi Lam and Sigma Nu registering 5-0 shutouts over TX and Chi Phi respectively. Since then Sig Ep with 9 out of 15 points in league A and PSK with 10 out of 10 points in league B have dominated. Both Ken Klaube of Pi Lam and Bob Ball of Beta lead the IFC bowlers with 187 averages.

Beta with 9 out of 10 points and Chi Phi with 8 out of 10 points lead their leagues in ping pong. Beta Theta Pi registered its triumphs over Delt and TX and Chi Phi has beaten Chi Psi and Sigma Nu.

As of April 6 Beta leads the IFC with 32 points with Sig Eps (31) second, Sigma Nu (26) third, TX (19) fourth, Pi Lam (17) fifth, Chi Phi (16) sixth, Delt (12), and Chi Psi (12) tied for eighth, PSK ninth (10), and Alpha Sig (9) tenth.

Counseling for Students with Personal Problems

Services are now available for those students who wish an opportunity to discuss personal problems.

Students who would like to avail themselves of the services of a staff psychologist may do so by making an appointment through the Health Service Center, Ext. 448.

Appointments will be given for Wednesday afternoons throughout the academic year. Please try to make your appointments ahead of time. Additional counseling is available with your faculty advisers and the Dean's Office.

A prize will be given to anyone who can answer the following questions correctly:

(1) For baseball fans only: At some date in one of the hockey arenas in either the United States or Canada, or possibly Europe, a defenseman moved over his blue line, went around an opposing player and fired from the red line on goal. What was the count on Yogi Berra at the moment the save was made?

Shifting gears we move to a probing social questions for our basketball enthusiasts . . .

(2) Everyone knows that the Big "O" Oscar Robertson matriculated at the University of Cincinnati and has become one of the all-time greats in basketball history. Explain in 1000 words, or more, the psychological motivations in Oscar's relative who worked in a pencil factory.

Easy? You Bet!

(3) will tilt all arm chair quarterbacks.

Is Sonny Jergensen an exponent of Arschlyian or Byronian principles on the football field. Or is he a pure Marxist?

Question (4) is our coverage of all athletic endeavors concerning the Hockey buff.

(4) Bobby Hull, Chicago Black Hawk scoring ace, plays hockey not for enjoyment but for his cows. Glenn Hall, premier goaltender for the St. Louis Blues vomits before every game but he likes the money. Which of these men play for Coach Singer? Why? Justify your answer with a psychiatrist's report.

Finally, before our last "Ranrod", Question (5) is devoted to the social aspects of sports. Write a thesis about 200 pages on the practice of bloodletting in Pro basketball and its implication on my next dinner.

At last the swan song! My heart cries at this last writing. Tears are in my eyes. My hand is trembling at the thought. The realization that this is my last opportunity to do something to my fellow student. Alas! My hopes are that all will look upon these final few lines and say "this was their Finest Ramrod!"

The question is simple: Write a computer program which will forecast the day and hour in which an enraged Stevens crowd pours from the stands during a soccer game and pummels the referee into unconsciousness led by our dynamic president.

Tech Rocketmen Split Two Sweep Wagner In Opener

by Al Latteri

Coach Seymour, who is replacing the vacationing Coach Partel, feels it will be difficult to match last year's 10-1 season. The graduation of six seniors and the loss of Carl Schoettle has removed all of the experience and depth which led the team to the

Metropolitan Inter-Collegiate Squash Championship last winter. This year's team can be described as young, but not as exemplified by an impressive 9-0 win over Wagner on Dec. 3 and a closely fought, but different this time. Jim Fishback losing (3-6) battle against Air Force on Dec. 6.

Senior Jim Fishback, who is the team's captain, was 9-1 last year. He holds the number one position over seniors Greg Edwards and Stan Urbanik. Edwards, who plays close, Edwards and Ross losing in 4 second, was 6-1 last winter while Urbanik, number three man, was also 6-1. The next 6 positions are filled by 3 Juniors and 3 Sophomores. The Juniors are Al Latteri, Abe Raab, and Joel Richard. The Sophomores are Brain Ross, Paul Scagnelli, and John Hokanson. The Competition is keen at the lower end of the ladder and as a result the ladder seedings are continually changing. Also senior Bert Ckigil is playing for the first time this year. He is a fine athlete and could develop into an excellent squash player as the season progresses.

Stevens will play 10 conference matches this season plus two other strong teams; Franklin and Marshall and the Air Force Academy.

The Season's opener was a conference match against Wagner. Stevens 3, Air Force 6.

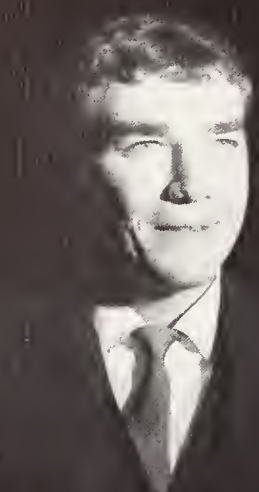
Every Sunday 6 to 9 p.m.
in Greenwich Village, N.Y.C.

THE DIRTY BIRDS
JUG BAND

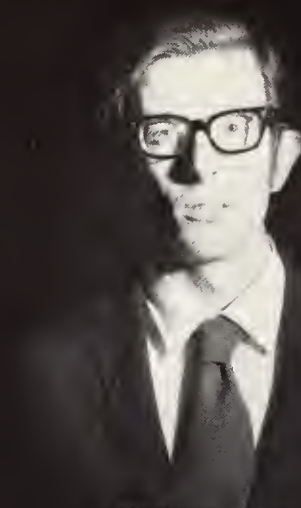
No Minimum, Admission \$2
With This Ad \$1

THE RED GARTER
15 W. 4th St.
(2 blocks East of Wash. Sq.)

Tau Beta Pi



Anthony Cusanelli



William Love



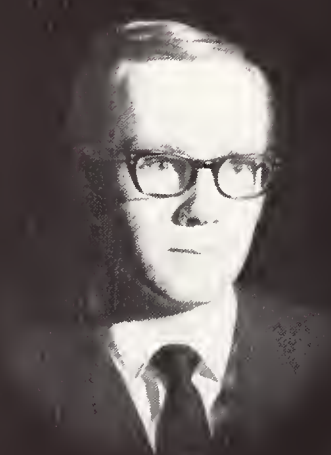
Samuel Allen



John Hughes



William Morgan



Robert De Socio



Paul Kleinhans



C. Robert Ball



Robert Gialanella



Raymond Nalepa



Marcus Levin



Anthony Barrese



Scott Osborne



Gordon Quinones



Eugene Vater



Ronald Pacholec



Michael Rudy



William Wainright



Robert Ricco



James Schneider



John Plancey



John Royal



Robert Wissolik



Jeffrey Strauss

Gear and Triangle

ACTIVITIES HONOR SOCIETY



Louis Brunetti



Robert Gialanella



Jeffrey Katz



Marc Levin



Norberto Machado



John Raven



Raymond Nalepa



Eugene Vater



Arnold Silverman

Honor Board



Eugene Goleblowski



Louis Brunetti



Reiner Kuhr



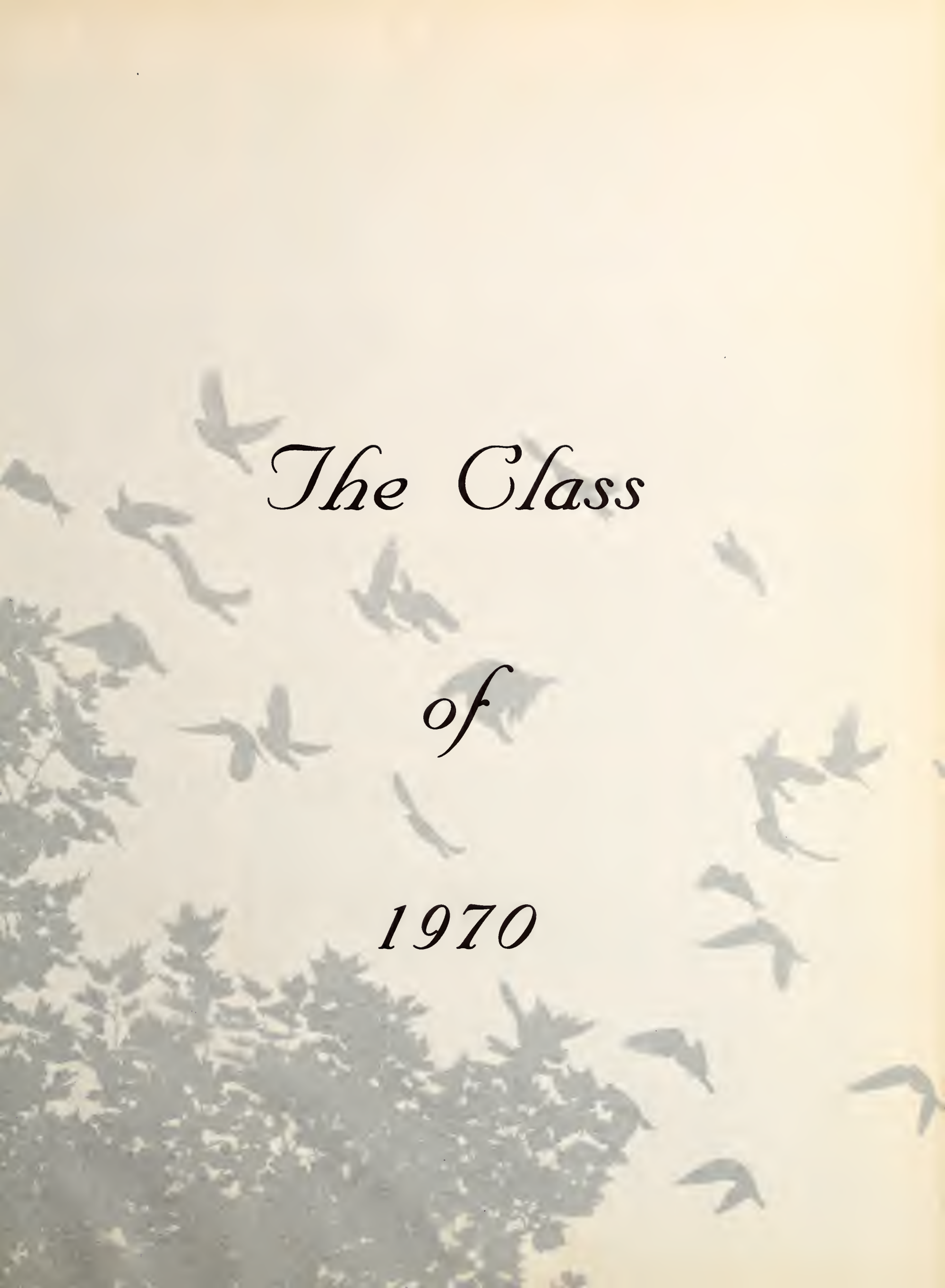
Edwin Goodwin



David DaCosta



Robert Markisello

The background of the page features a light, warm-toned sky with numerous birds in flight, their silhouettes rendered in a soft, greyish tone. In the bottom left corner, there is a dense, dark silhouette of foliage, possibly a tree or large shrub, which adds a sense of depth and natural setting to the composition.

The Class

of

1970

Honor Board



The Class

of

1970

James H. Smith

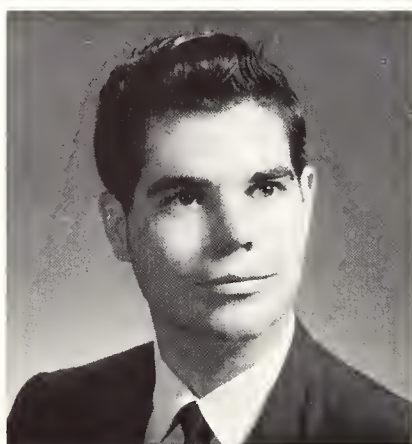
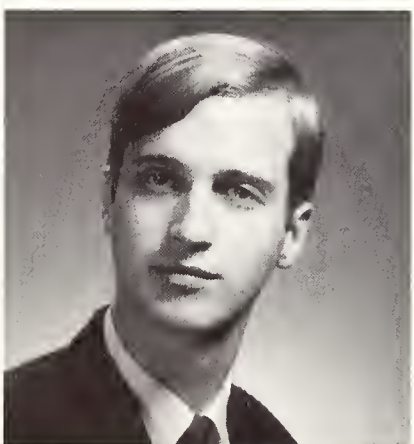
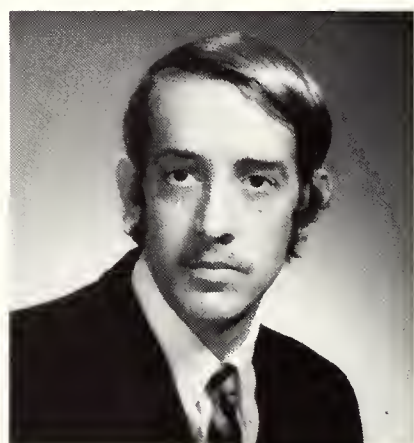
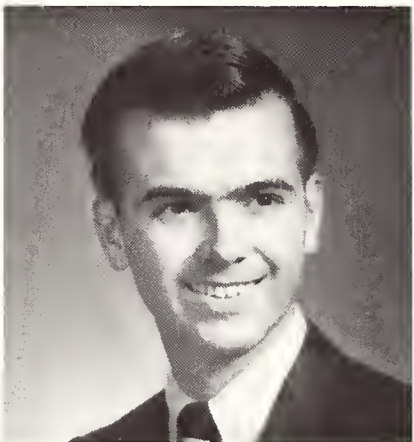
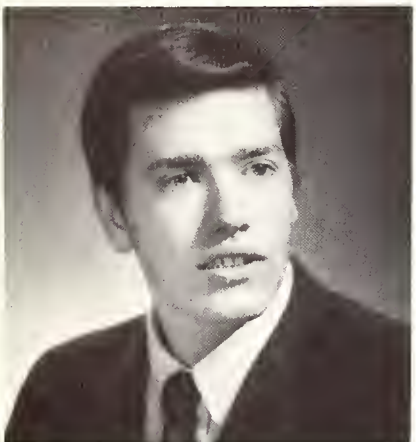
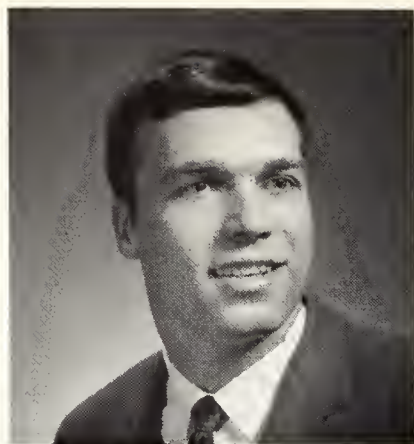
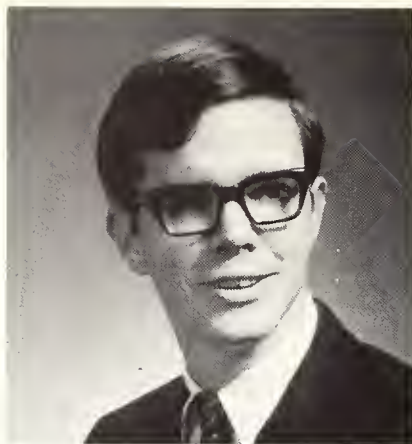
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67 Cordwood Road,
Peekskill, N.Y. 10556
Varsity Tennis, I.D.C.
Sports, Radio Club,
Dean's List

Ralph Marvin Booker
Ralph
Engineering
Sigma Phi Epsilon
172 Linden Ave., Verona,
N.J. 07044
I.F.C. Representative,
I.F.C. Sports Inter-
class Sports, A.C.S.,
Fraternity President

Robert August Bolt
Bob
Engineering
Chi Psi
336 Woodman Ave.,
Jersey City, N.J. 07307
I.F.C. Sports, A.C.S.,
Dean's List

Peter Anthony Bourdelle
Peter
Engineering
Phi Sigma Kappa
Box 126, Castle Point
Station, Hoboken,
N.J. 07030
Student Review Board,
Link, Camera Club,
S.U.E., A.S.M.E.,
S.A.E.

Patrick Dennis Brandel
Skinny
Engineering
312 Kipp Ave., Has-
brock Heights, N.J.
07604

Howard Steven Bruchert
Howie
Engineering
Pi Lambda Phi
5 Lewis Lane, West
Hartford, Conn. 06110
Student Council Presi-
dent, Class Vice Presi-
dent, Student Council
Treasurer, I.F.C. So-
cial Chairman, Com-
mittee on Student
Affairs, Student Senior
Broket, Fraternity
Pledge Marshal,
A.S.M.E., Resident
Assistant, Gear and
Triangle, Knobs

Anthony Paul Brindley
Tony
Engineering
1341 Graymill Ave.,
Westfield, N.J. 07090
I.F.C., Dean's List

Louis Leo Brunetti
Lou
Engineering
Delta Tau Delta
125 Marschus Pl.,
Garfield, N.J. 07036
Honor Board Secretary,
Honor Board Chair-
man, Student Council,
I.D.C., Student Link,
Resident Assistant,
Gear and Triangle,
Knobs President,
Dean's List, Student
Affairs Committee

Michael Leonard Bullock
Mike
Engineering
50 Derridge Rd.,
Wyckoff, N.J. 07481
Glee Club, Newman
Club, I.F.C.E., A.C.M.,
Dean's List

James Vincent Canclosi
Jim
Engineering
Alpha Sigma Phi
10 Galia Terrace,
Belleville, N.J. 07109
I.F.C. Sports Fraternity
President, Vice Presi-
dent and Social Chair-
man, A.C.M.,
W.C.T.U., Dean's List,
N.J. State Scholar-
ship, Stevens Schol-
arship

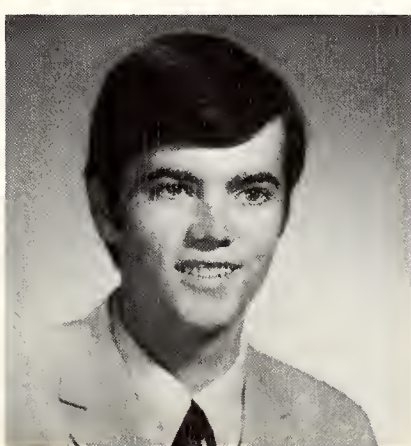
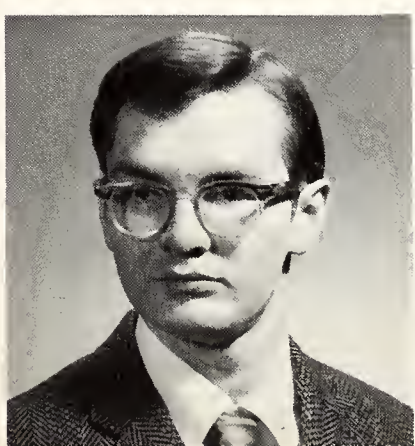
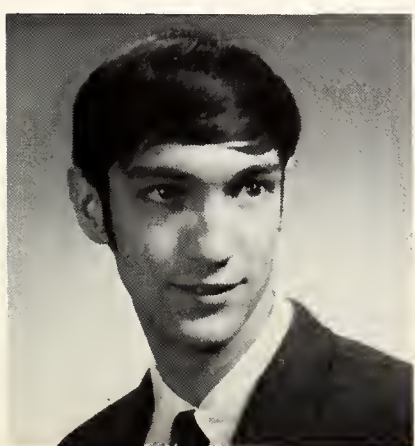
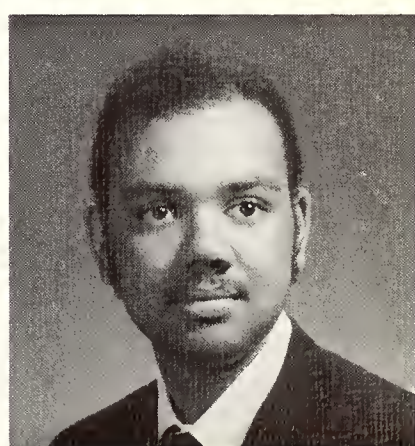
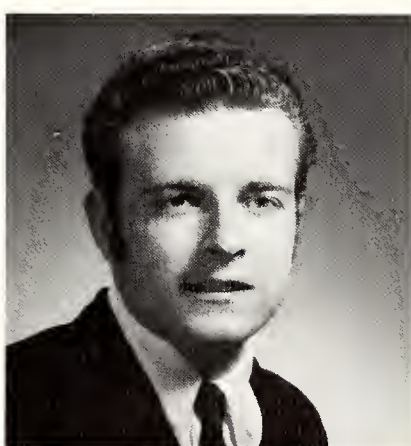
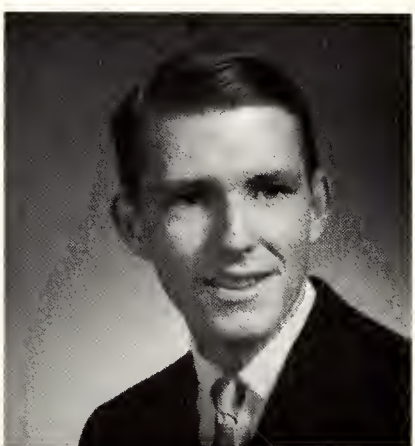
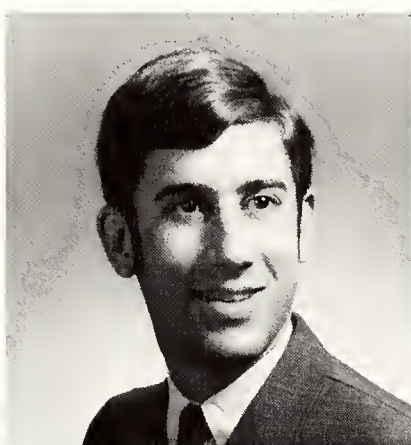
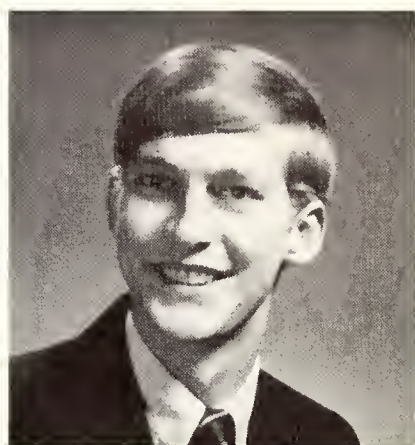
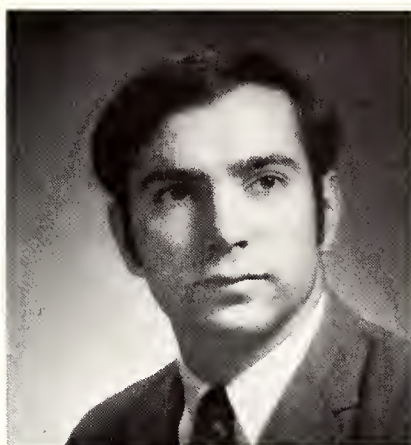
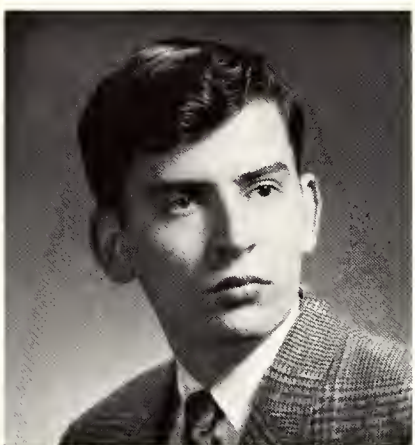
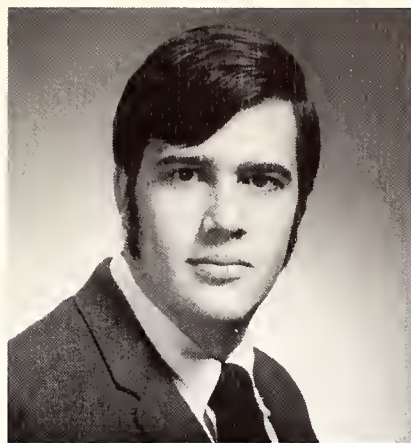
William Frank
Carperter Jr.
Bill
Engineering
714 Marlette Place,
N.W. Wash., D.C.
20011
U.E., Radio Club,
I.F.C., A.C.M.,
S.A.A., Photography
Club

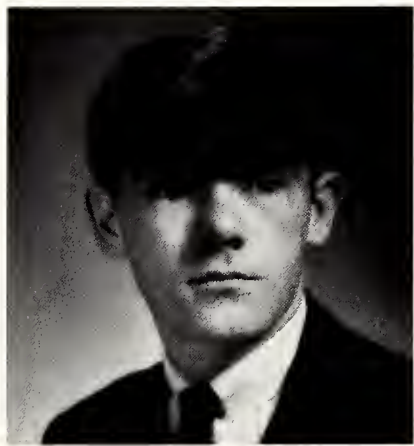
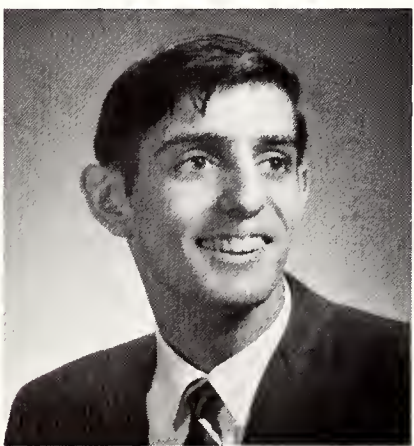
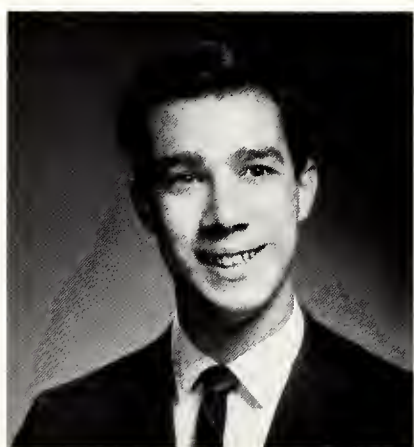
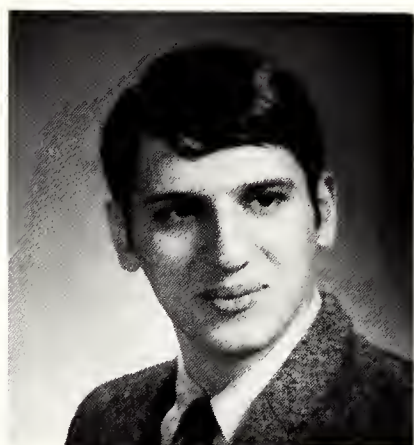
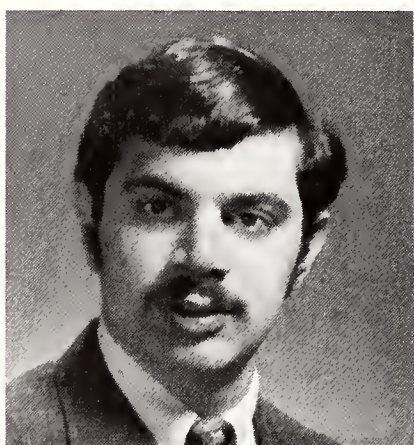
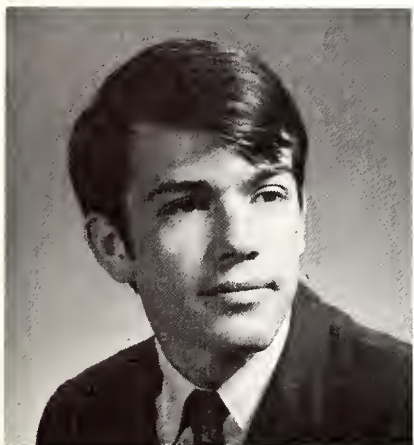
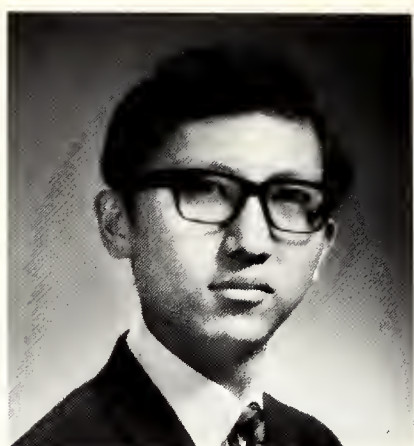
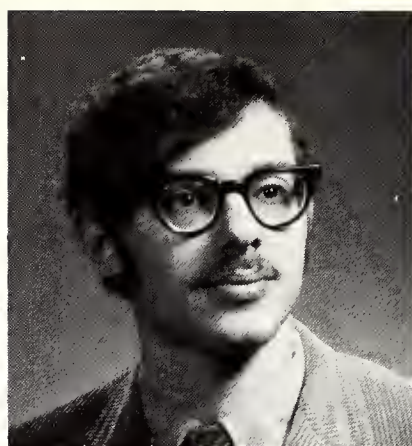
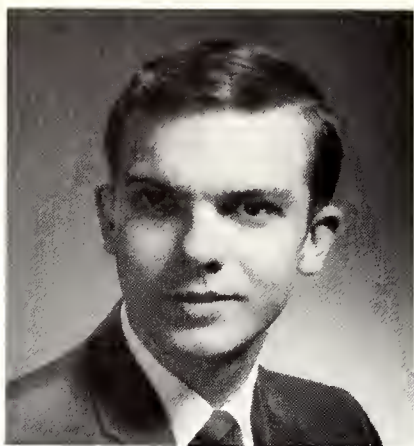
John Clyde Carson Jr.
Science
Chi Phi
607 Happy Creek Rd.,
Front Royal, Virginia,
22630
Frost Fencing Team,
Glee Club

Thomas William Casey
Engineering
555 Otwell Ave.,
Garfield, N.J. 07849
A.S.C.E., Radio Club,
Dean's List

James Joseph Cassidy
Engineering
Theta Xi
5106 Hudson Ave., West
New York, N.J. 07197
I.F.C. Sports, I.D.C.
Sports, Interclass
Sports

Francis J. Cavan
Gene
Engineering
4400 N. Ave., Peterson
N.J. 07211





Anthony Joseph
Cusnelli
Tony, TC
Engineering
Pi Lambda Phi
1011 Grand Avenue,
North Bergen, N.J.
07047
Class Treasurer, I.F.C.
Sports, Dean's List

Thaddeus Jan Czarski
Ted
Engineering
Chi Psi
191 Baldwin Street,
Bloomfield, N.J. 07003
Student Council Activi-
ties Coordinator,
State, Link, I.F.C.
Sports, Stevens Night
Committee, Dean's
List, Col. Basil M.
Stevens Award

Charles Lawrence Dages
Chuck
Engineering
Sigma Nu
357 Pleasantview
Avenue, Hackensack,
N.J. 07601
Radio Club, W.C.P.R.,
I.F.C., A.C.M.,
Dean's List

Francis Thomas Conner
Frank
Engineering
Pi Lambda Phi
30 Stevens Avenue,
Oldbridge, N.J. 08857
I.D.C., Fencing,
I.F.C. Sports

Gabriel Benjamin
Francis Costa
Gabe
Science
320 Jackson Street,
Hoboken, N.J. 07030
Freshman Baseball,
Varsity Baseball,
Interclass Football,
Newman Club

John Patrick Costello
Jack
Engineering
79 Dudley Drive,
Bergenfield, N.J. 07621
W.C.P.R.

Barry David Cohen
Engineering
180 East Central
Avenue, Wharton, N.J.
07885
Concert Band, Stage
Band, Orchestra,
Dean's List

Jerome Donald Cohen
Engineering
Northville District, New
Milford, Conn. 06776
Radio Club, Sports Car
Club

William Edward Cole
Engineering
53 Howard Park Drive,
Trenton, N.J. 07670
Fencing Team, Rifle
Team President,
A.S.M.E. Band,
Dean's List, Air Force
Scholarship, Katt-
winkle Award, Presi-
dent Metropolitan
Intercollegiate Rifle
League

Vincent Thomas Colletti
Tom
Science
Chi Phi
51 Bayberry Road,
Trenton, N.J. 08618
Events, Fraternity Sec-
retary and House
Manager, Gamers
Club, Sports Car Club,
Band, Dean's List

Bertan Cikigil
Bert
Engineering
Chi Psi
53 54 57th St., Flushing,
N.Y. 11368
Athletic Association,
Freshman Soccer,
Varsity Soccer
(Captain), Frosh
Tennis, Varsity Ten-
nis, Varsity Squash,
Interclass, I.D.C., and
I.F.C. Sports, Varsity
"S" Club, Committee
on the Honor System,
Dean's List, Stevens
Scholarship

John Francis Ciolino
Duck
Engineering
40 Franklin Ave.,
Fairview, N.J. 07022
Sports Car Club, Dean's
List, Scholarship
(University)

Ronald James Clements
R. Jr.
Science
Pi Lambda Phi
376 MacArthur Ave.,
Garfield, N.J. 07028
Fraternity, Stewart,
Treasurer, A.I.C.P.E.,
Dean's List

Angelos John
Cocossoulis
The Greek
Avenue, Wharton, N.J.
82 Lycoming Street,
Caltheta-Athens,
Greece
Rifle Club, Christian
Fellowship, Dean's
List

Michael John Conko
Doc
Science
369 Woodlawn Ave.,
Jersey City, N.J. 07305
A.C.M., Newman Club,
S.U.E., Dean's List

Bernard Marion
Chachula
Bernie
Engineering
RD 1, Box 383A,
Morganville, N.J. 07751
Sports Car Club,
Newman Club,
A.I.A.A., Arnold Air
Society

Alan David Chedak
Ched
Engineering
853 Cleveland Ave.,
Elizabeth, N.J. 07208
I.F.C. Sports, Interclass
Sports, All College
Weekend Committee,
A.I.A.A., Dean's List,
Stevens Scholarship

Richard Chow
Engineering
326 Hudson St.,
Hoboken, N.J. 07030

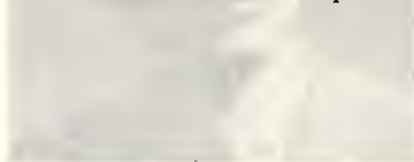
Michael John Cenko
Doc
Science
269 Woodlawn Ave.,
Jersey City, N. J. 07305
A.C.M., Newman Club,
S.U.E., Dean's List



Bernard Marion Chachula
Bernie
Engineering
RD 1, Box 393A,
Morganville, N. J. 07751
Stute, Sports Car Club,
Newman Club,
A.I.A.A., Arnold Air
Society



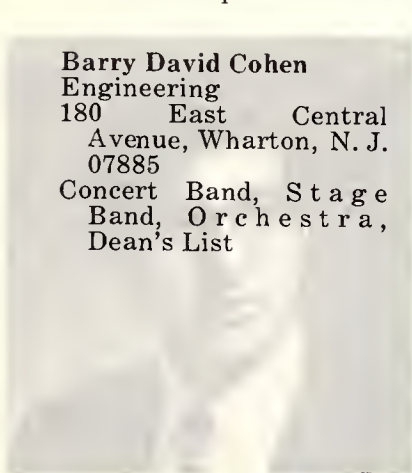
Alan David Cherdak
Cherd
Engineering
853 Cleveland Ave.,
Elizabeth, N. J. 07208
I.F.C. Sports, Interclass
Sports, All College
Weekend Committee,
A.I.A.A., Dean's List,
Stevens Scholarship



Richard Chow
Engineering
526 Hudson St.,
Hoboken, N. J. 07030



Bertan Cikigil
Bert
Engineering
Chi Psi
53-54 97th St., Flushing,
N. Y. 11368
Athletic Association,
Freshman Soccer,
Varsity Soccer
(captain), Frosh
Tennis, Varsity Ten-
nis, Varsity Squash,
Interclass, I.D.C., and
I.F.C. Sports, Varsity
"S" Club, Committee
on the Honor System,
Dean's List, Steven's
Scholarship



John Francis Ciolino
Duck
Engineering
40 Franklin Ave.,
Fairview, N. J. 07022
Sports Car Club, Dean's
List, Scholarship
(Uniroyal)



Ronald James Clements
Jr.
Science
Pi Lambda Phi
376 MacArthur Ave.,
Garfield, N. J. 07026
Fraternity Steward,
Treasurer; A.I.Ch.E.,
Dean's List



Angelos John Cocossoulis
The Greek
Avenue, Wharton, N. J.
82 Lycourgou Street,
Callithea-Athens,
Greece
Rifle Club, Christian
Fellowship, Dean's
List



Barry David Cohen
Engineering
180 East Central
Avenue, Wharton, N. J.
07885
Concert Band, Stage
Band, Orchestra,
Dean's List



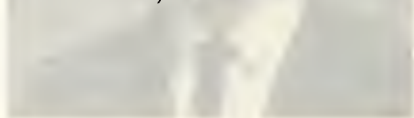
Jerome Donald Cohen
Engineering
Northville District, New
Milford, Conn. 06776
Radio Club, Sports Car
Club



William Edward Cole
Engineering
53 Howard Park Drive,
Tenafly, N. J. 07670
Fencing Team, Rifle
Team President,
A.S.M.E., Band,
Dean's List, Air Force
Scholarship, Katt-
winkle Award, Presi-
dent Metropolitan
Intercollegiate Rifle
League



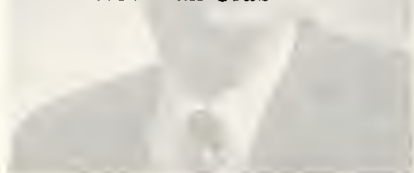
Vincent Thomas Colletti,
Jr.
Tom
Science
Chi Phi
21 Bayberry Road,
Trenton, N. J. 08618
Events, Fraternity Sec-
retary and House
Manager, Camera
Club, Sports Car Club,
Band, Dean's List



Daniel Thomas Conklin
Dan
Engineering
45 Clark Avenue, Jersey
City, N. J.
Dean's List



Gabriel Benjamin Francis Costa
Gabe
Science
320 Jackson Street,
Hoboken, N. J. 07030
Freshman Baseball,
Varsity Baseball,
Interclass Football,
Newman Club



John Patrick Costello,
Jr.
Jack
Engineering
79 Dudley Drive,
Bergenfield, N. J. 07621
W.C.P.R.



Francis Thomas Coulter,
Jr.
Frank
Engineering
Pi Lambda Phi
30 Stevens Avenue,
Oldbridge, N. J. 08857
I.D.C., I.F.C., Fencing,
I.F.C. Sports



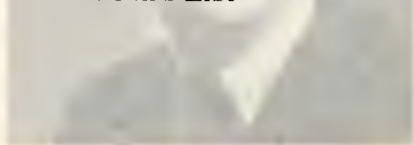
Anthony Joseph Cusanelli
Tony, TC
Engineering
Pi Lambda Phi
1011 Grand Avenue,
North Bergen, N. J.
07047
Class Treasurer, I.F.C.
Sports, Dean's List



Thaddeus Jan Czauski
Ted
Engineering
Chi Psi
191 Baldwin Street,
Bloomfield, N. J. 07003
Student Council Activi-
ties Coordinator,
Stute, Link, I.F.C.
Sports, Stevens Night
Committee, Dean's
List, Col. Basil M.
Stevens Award



Charles Lawrence Dages
II
Chuck
Engineering
Sigma Nu
357 Pleasantview
Avenue, Hackensack,
N. J. 07601
Radio Club, W.C.P.R.,
I.E.E.E., A.C.M.,
Dean's List



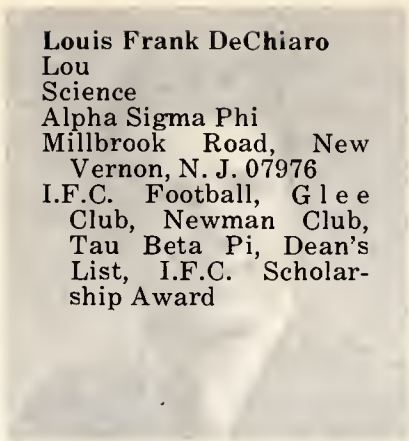
Donald Rawson Daher
Engineering
257 Kinderkamack,
Hillsdale, N. J. 07642



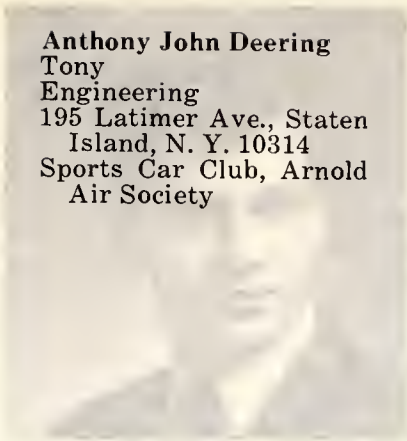
F. L. Darienzo



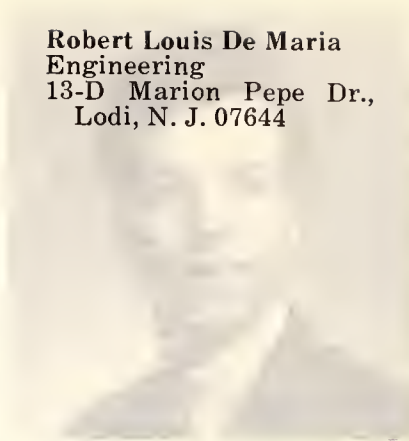
Louis Frank DeChiaro
Lou
Science
Alpha Sigma Phi
Millbrook Road, New
Vernon, N. J. 07976
I.F.C. Football, Glee
Club, Newman Club,
Tau Beta Pi, Dean's
List, I.F.C. Scholar-
ship Award



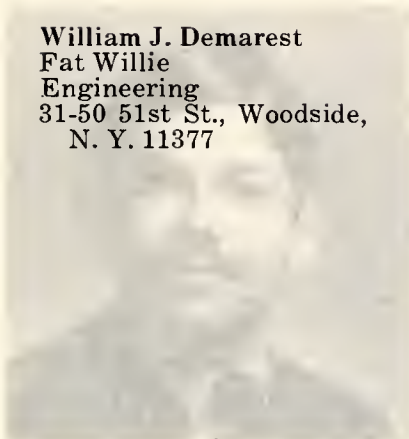
Anthony John Deering
Tony
Engineering
195 Latimer Ave., Staten
Island, N. Y. 10314
Sports Car Club, Arnold
Air Society



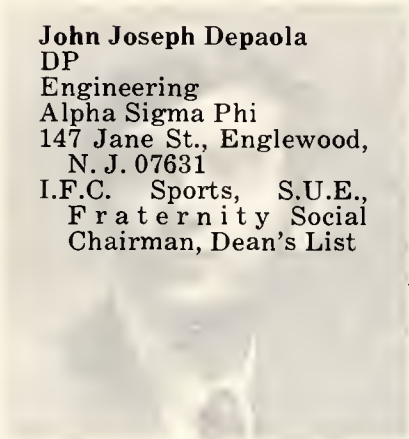
Robert Louis De Maria
Engineering
13-D Marion Pepe Dr.,
Lodi, N. J. 07644



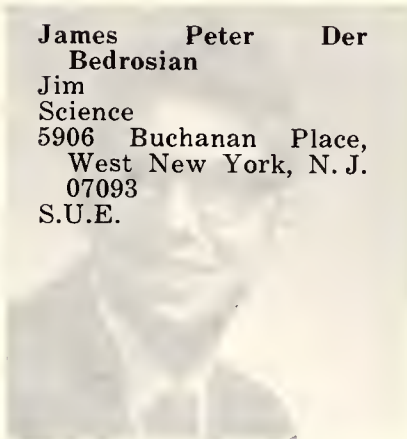
William J. Demarest
Fat Willie
Engineering
31-50 51st St., Woodside,
N. Y. 11377



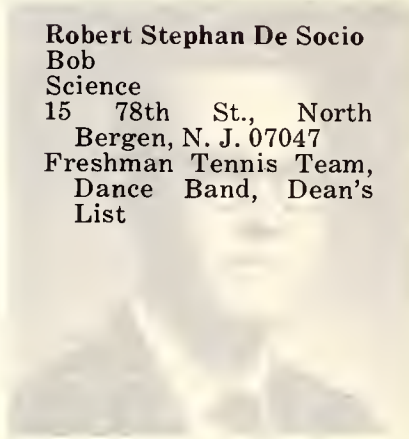
John Joseph Depaola
DP
Engineering
Alpha Sigma Phi
147 Jane St., Englewood,
N. J. 07631
I.F.C. Sports, S.U.E.,
Fraternity Social
Chairman, Dean's List



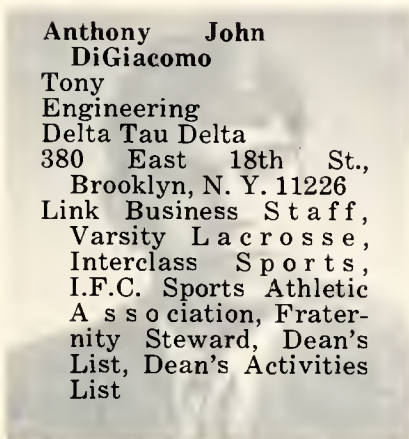
James Peter Der
Bedrosian
Jim
Science
5906 Buchanan Place,
West New York, N. J.
07093
S.U.E.



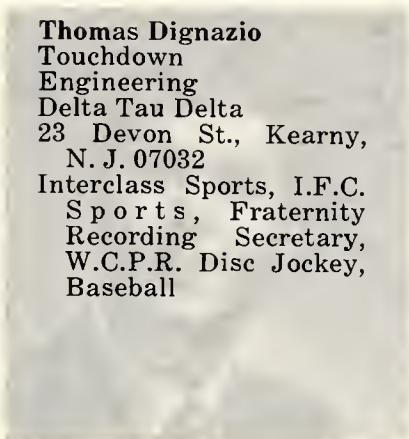
Robert Stephan De Socio
Bob
Science
15 78th St., North
Bergen, N. J. 07047
Freshman Tennis Team,
Dance Band, Dean's
List



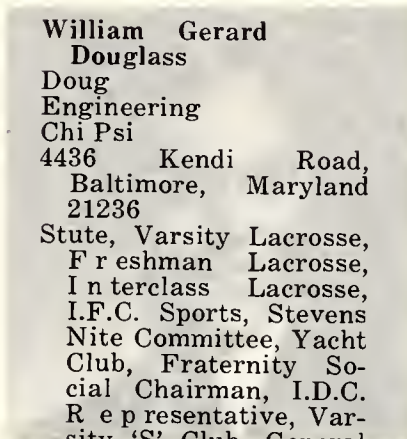
Anthony John
DiGiacomo
Tony
Engineering
Delta Tau Delta
380 East 18th St.,
Brooklyn, N. Y. 11226
Link Business Staff,
Varsity Lacrosse,
Interclass Sports,
I.F.C. Sports Athletic
Association, Frater-
nity Steward, Dean's
List, Dean's Activities
List



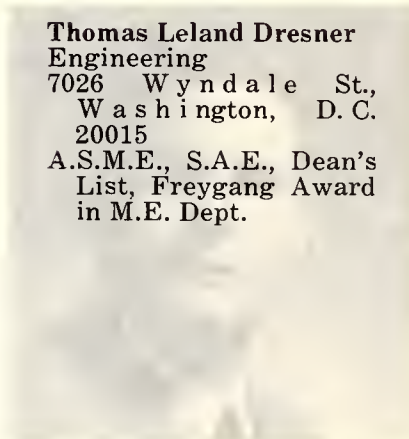
Thomas Dignazio
Touchdown
Engineering
Delta Tau Delta
23 Devon St., Kearny,
N. J. 07032
Interclass Sports, I.F.C.
Sports, Fraternity
Recording Secretary,
W.C.P.R. Disc Jockey,
Baseball



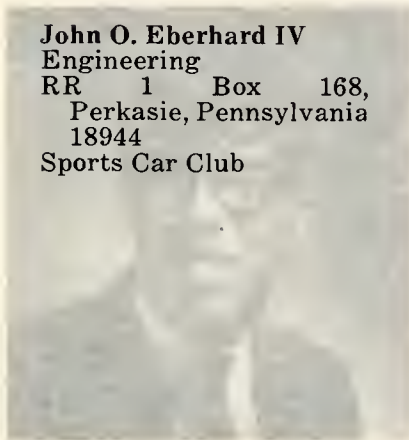
William Gerard
Douglass
Doug
Engineering
Chi Psi
4436 Kendi Road,
Baltimore, Maryland
21236
Stute, Varsity Lacrosse,
Freshman Lacrosse,
Interclass Lacrosse,
I.F.C. Sports, Stevens
Nite Committee, Yacht
Club, Fraternity So-
cial Chairman, I.D.C.
Representative, Var-
sity 'S' Club, General
Motors Scholarship



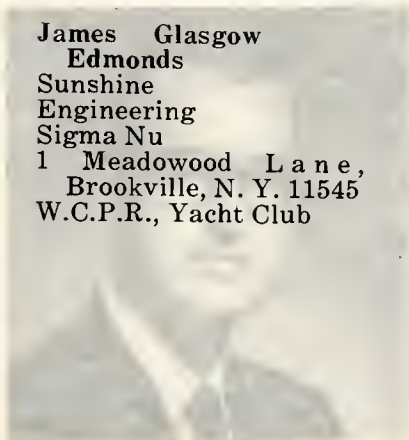
Thomas Leland Dresner
Engineering
7026 Wyndale St.,
Washington, D. C.
20015
A.S.M.E., S.A.E., Dean's
List, Freygang Award
in M.E. Dept.



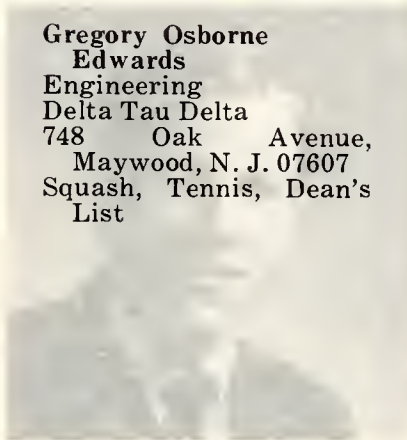
John O. Eberhard IV
Engineering
RR 1 Box 168,
Perkasie, Pennsylvania
18944
Sports Car Club



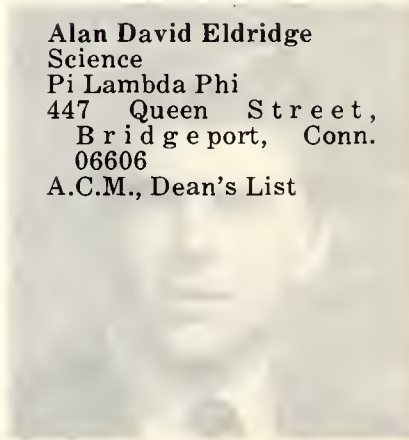
James Glasgow
Edmonds
Sunshine
Engineering
Sigma Nu
1 Meadowood Lane,
Brookville, N. Y. 11545
W.C.P.R., Yacht Club



Gregory Osborne
Edwards
Engineering
Delta Tau Delta
748 Oak Avenue,
Maywood, N. J. 07607
Squash, Tennis, Dean's
List



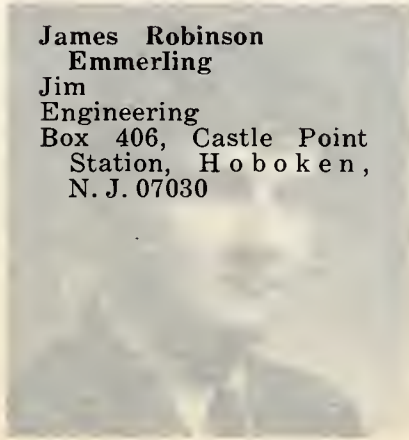
Alan David Eldridge
Science
Pi Lambda Phi
447 Queen Street,
Bridgeport, Conn.
06606
A.C.M., Dean's List



Barry Elson
Engineering
3096 Bordentown
Avenue, Parlin, N. J.
08859
Interclass Sports, I.D.C.
Sports, Chess Club,
Radio Club, I.E.E.E.,
Dean's List



James Robinson
Emmerling
Jim
Engineering
Box 406, Castle Point
Station, Hoboken,
N. J. 07030



John Joseph Farah
Engineering
Phi Sigma Kappa
504 Fourth Avenue,
Asbury Park, N. J.
07712
I.F.C. Sports



Morris Fassberg
Engineering
15-30 212th, Bayside,
N. Y. 11360
Jewish Fellowship,
Dean's List, I.E.E.E.,
Interclass Sports



F. L. Darianzo

Louis Frank Delhistro
Lon
Science
Alpha Sigma Phi
Millbrook Road, New
Vernon, N. J. 07096
I.F.C. Football, Glee
Club, Newman Club,
Tau Beta Pi, Dean's
List, I.F.C. Scholar-
ship Award

Anthony John Deering
Tony
Engineering
195 Latimer Ave., Staten
Island, N. Y. 10314
Sports Car Club, Arnold
Air Society

Robert Louis De Maria
Engineering
18-D Marion Pepe Dr.
Lodi, N. J. 07044

William J. Demarest
Pat Willie
Engineering
81-50 51st St., Woodside,
N. Y. 11377

John Joseph Ispasola
DP
Engineering
Alpha Sigma Phi
147 Jane St., Englewood,
N. J. 07631
I.F.C. Sports, S.U.E.,
Fraternity, Social
Chairman, Dean's List

James Peter Der
Redesian
Jim
Science
8905 Buchanan Place,
West New York, N. J.
07092
S.U.E.

Robert Stephan De Socio
Bob
Science
15 78th St., North
Bergen, N. J. 07047
Freshman Tennis Team,
Dance Band, Dean's
List

Anthony John Digiacomo
Tony
Engineering
Delta Tau Delta
880 East 18th St.,
Brooklyn, N. Y. 11228
Link Business Staff,
Varsity Lacrosse,
Interclass Sports,
I.F.C. Sports Athletic
Association, Frater-
nity Steward, Dean's
List, Dean's Activities
List

Thomas Dignazio
Touchdown
Engineering
Delta Tau Delta
23 Devon St., Haddon-
field, N. J. 07032
Interclass Sports, I.F.C.,
Sports, Fraternity,
Recording Secretary,
W.C.P.R. Disc Jockey,
Baseball

William Gerald Douglas
Doug
Engineering
Chi Psi
4426 Kendal Road,
Baltimore, Maryland
21236
State Varsity Lacrosse,
Freshman Lacrosse,
Interclass Lacrosse,
I.F.C. Sports, Stevens
Nite Committee, Yacht
Club, Fraternity So-
cial Chairman, I.D.C.,
Representative, Var-
sity Club, General
Motors Scholarship

Thomas Roland Drenner
Engineering
7020 Wyndale St.,
Washington, D. C.
20015
A.S.M.E., S.A.E., Dean's
List, Freygang Award
in M.E. Dept.

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Pottsville, Pennsylvania
18944
Sports Car Club

James Glasgow Edwards
Edmonds
Sunshine
Engineering
Sigma Nu
1 Meadowood Lane,
Brookville, N. Y. 11545
W.C.P.R., Yacht Club

Gregory Osborn Edwards
Edwards
Engineering
Delta Tau Delta
715 Oak Avenue,
Maywood, N. J. 07067
Squash, Tennis, Dean's
List

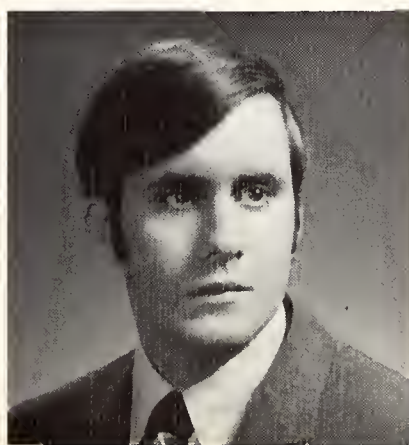
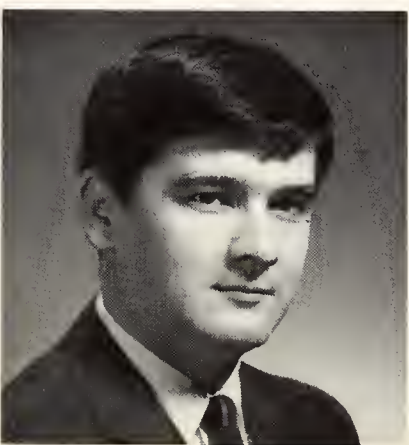
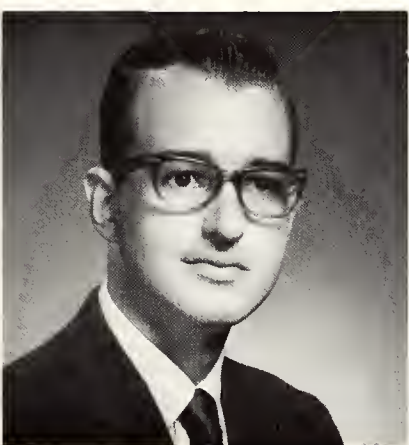
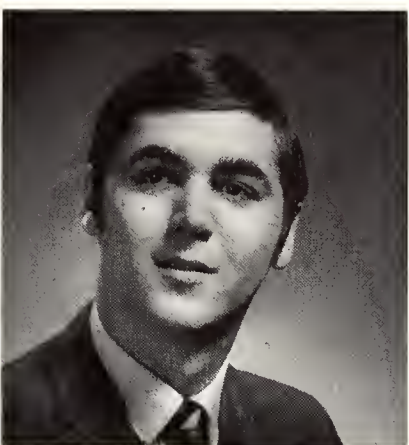
Alan David Eldridge
Science
Pi Lambda Phi
447 Queen Street,
Bridgeport, Conn.
06606
A.C.M., Dean's List

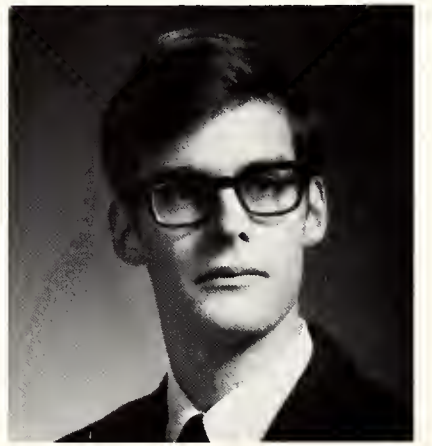
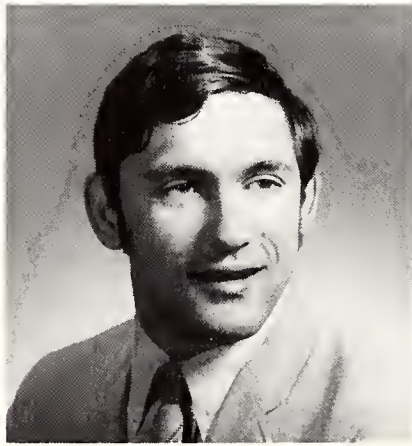
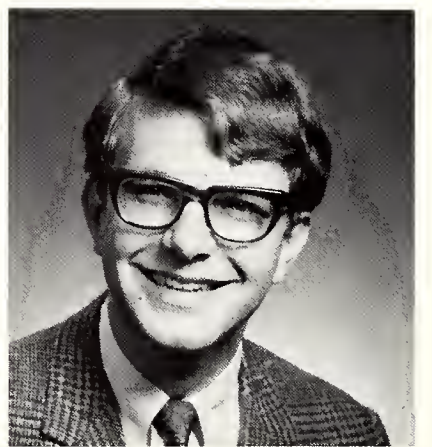
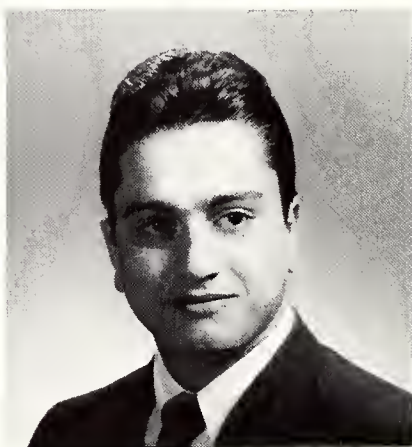
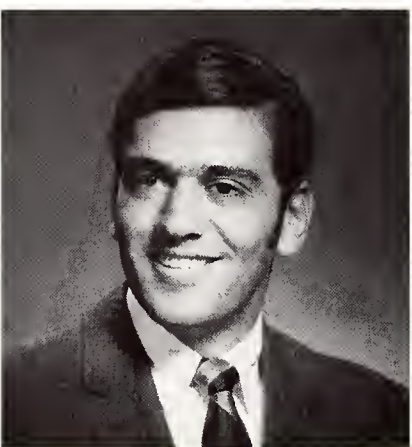
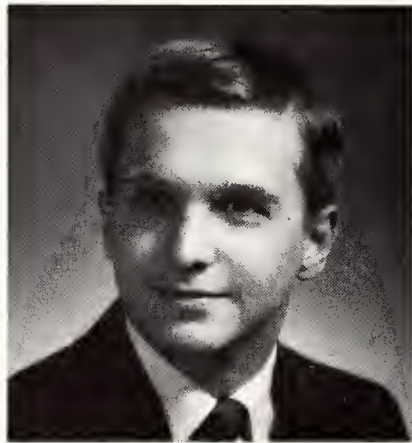
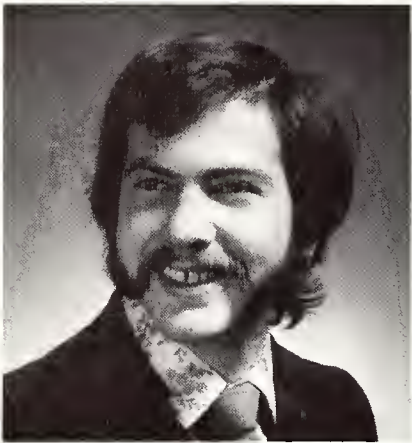
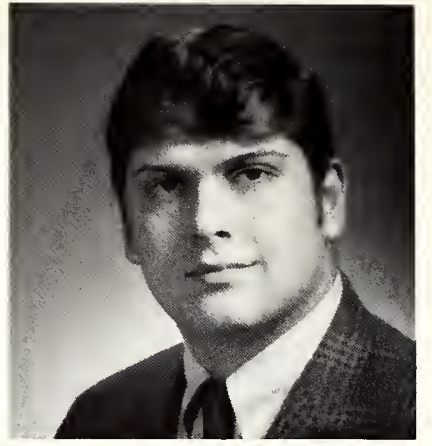
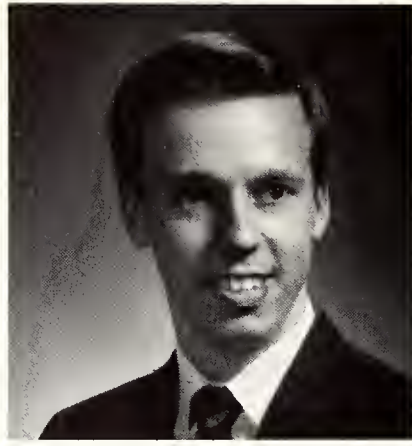
Barry Elson
Engineering
3006 Rorertown
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08825
Interclass Sports, I.D.C.,
Sports, Chess Club,
Radio Club, I.E.E.E.,
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07712
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Morris Kasberg
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Interclass Sports





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Sports, A. S. M. E.
Stevens Night Chair-
man, Dean's List,
Fraternity Bridge-
master

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Student Council, State
Copy Editor, Senior
Booklet, W. C. P. R.,
Basketball Manager,
Camera Club, Sports
Car Club, A. C. S., Pi
Delta Epsilon

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Engineering
Alpha Sigma Phi
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I. D. C. Sports, Inter-
class Sports, A. S. M. E.,
I. D. C. Representative

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Fenn
Engineering
Theta Xi
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N. J. 07032
I. F. C. Sports, Interclass
Sports, I. E. E. E., Frater-
nity Rush Chair-
man, Dean's List

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Chi Phi
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N. Y. 11104
Student Council, Treas-
urer, Class Vice-
President, Class Presi-
dent, Events Circu-
lation Manager, I. F. C.
Sports, Fraternity
Treasurer

James Cole Fischbach
Jim
Engineering
Pi Lambda Phi
2100 Linwood Ave., Fort
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Varsity Squad Team
Captain

Warren Howard Fisher
Jr.
Fish
Engineering
Chi Phi
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Haddonfield, N. J. 07804
Events, Glee Club Presi-
dent, Vice President,
Fraternity Bridge-
master, Arnold Air
Society, I. F. C. Sports

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S. U. E.

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Vito
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Theta Xi
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I. F. C. Representative,
I. D. C. Sports, I. F. C.
Sports, Interclass
Sports, Yacht Club,
Newman Club, Presi-
dency Rush Chair-
man, Fraternity Initia-
tion Chairman, Frater-
nity President,
I. E. E. E.

Robert Joseph Giananella
Engineering
Delta Tau Delta
24 Stockman Pl.,
Irvington, N. J. 07111
I. F. C. President, Class
Vice President, State
Student Council, State
Interclass, Fraternity
Vice President, Tan
Beta Pi, Dean's List,
Student Review Board,
Kheda Gear and Tri-
angle, Interclass
Sports, I. F. C. Sports

Vito Giananella
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N. J. 07106
I. F. C., Link, State,
Basketball, I. F. C.
Sports, Interclass
Sports, Fraternity
President, Tan Beta
Pi, Dean's List, Var-
sity "S" Club

Francis James Gintola
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Sigma Nu
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Rahway, N. J. 07065
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man, Initiation Chair-
man, I. F. C. Sports,
Dean's List, American
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Grant

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Dean's List

Eugene Andrew John Goldblum
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lington, N. J. 07055
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man, Honor Board,
Interclass Sports,
I. D. C. Sports, Newman
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Ronald Raymond Gorman
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Science
Sigma Phi Epsilon
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Lacrosse, Varsity "S",
Club Treasurer, Frater-
nity Controller,
Fraternity Alumni
Board Representative,
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Glee Club, Band

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Treasurer

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Fellowship, A. C. M.,
Glee Club, Dance
Band, Concert Band

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Sports, A.S.M.E.,
Stevens Night Chair-
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Fraternity Pledge-
master

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Copy Editor, Senior
Booklet, W.C.P.R.,
Basketball Manager,
Camera Club, Sports
Car Club, A.C.S., Pi
Delta Epsilon

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Ferguson
Fergy
Engineering
Alpha Sigma Phi
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Parsippany, N. J. 07054
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I.D.C. Sports, Inter-
class Sports, A.S.M.E.,
I.D.C. Representative

Robert Charles Fernicola
Fern
Engineering
Theta Xi
326 Hickory St., Kearny,
N. J. 07032
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Sports, I.E.E.E., Fra-
ternity Rush Chair-
man, Dean's List

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Chi Phi
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N. Y. 11104
Student Council Treas-
urer, Class Vice-
President, Class Presi-
dent, Events Circu-
lation Manager, I.F.C.
Sports, Fraternity
Treasurer

James Cole Fischbach
Jim
Engineering
Pi Lambda Phi
2100 Linwood Ave., Fort
Lee, N. J. 07024
Varsity Squash Team
Captain

Warren Howard Fisher
Jr.
Fish
Engineering
Chi Phi
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Hasbrouck Heights,
N. J. 07604
Events, Glee Club, Fra-
ternity Vice-President,
Fraternity Pledge-
master, Arnold Air
Society, I.F.C. Sports

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S.U.E.

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Genovese Jr.
Vito
Engineering
Theta Xi
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I.D.C. Sports, I.F.C.
Sports, Interclass
Sports, Yacht Club,
Newman Club, Fra-
ternity Rush Chair-
man, Fraternity Initia-
tion Chairman, Fra-
ternity President,
I.E.E.E.

Robert Joseph Gialanella
Engineering
Delta Tau Delta
24 Stockman Pl.,
Irvington, N. J. 07111
I.F.C. President, Class
Vice President, Stu-
dent Council, Stute,
Lacrosse, Fraternity
Vice President, Tau
Beta Pi, Dean's List,
Student Review Board,
Khoda, Gear and Tri-
angle, Interclass
Sports, I.F.C. Sports

Victor Gialanella
Vic
Engineering
Delta Tau Delta
27 Synott Pl., Newark,
N. J. 07106
I.F.C., Link, Stute,
Baseball, I.F.C.
Sports, Interclass
Sports, Fraternity
President, Tau Beta
Pi, Dean's List, Var-
sity "S" Club

Francis James Ginfride
Frank
Engineering
Sigma Nu
278 Wilson Ave.,
Rahway, N. J. 07065
Fraternity Rush Chair-
man, Initiation Chair-
man, I.F.C. Sports,
Dean's List, American
Chemical Society
Grant

Peter Richard
Goldbrunner
Pete
Engineering
304 Old Tappan Rd., Old
Tappan, N. J. 07675
Dean's List

Eugene Andrew John
Golebiowski
Geno
Engineering
62 Willow Ave., Wal-
lington, N. J. 07055
I.D.C. Athletic Chair-
man, Honor Board,
Interclass Sports,
I.D.C. Sports, Newman
Club

Ronald Raymond
Gorham
Ron
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Sigma Phi Epsilon
51 Winton Road, East
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Lacrosse, Varsity "S"
Club Treasurer, Fra-
ternity Controller,
Fraternity Alumni
Board Representative,
Dean's List

Russell Mark Gorog
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List

Harry John Graham Jr.
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Phi Sigma Kappa
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Charleston, S. C.
29407
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Glee Club, Band

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Morristown, N. J. 07960
A.C.M., Jewish Fellow-
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Treasurer

Edward George Gregory
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1 Sycamore Lane,
Boonton, N. J. 07005

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Aige
Science
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Pa. 17042
Freshman Baseball
Manager, Bridge Club,
Chess Club, Jewish
Fellowship, A.C.M.,
Glee Club, Dance
Band, Concert Band

Phillip Guastella
Engineering
Apt. 49, Gramercy Apts.,
Middlesex, N. J. 08846
W.C.P.R., Dean's List

Bruce David Hacker
Baldy
Engineering
Theta Xi
186 Washington Pl.,
Totowa, N. J. 07012
I.F.C. Sports, Fraternity
Treasurer, Fraternity
Pledgemaster, I.E.E.E.

John Wilson Harding
Engineering
Sigma Nu
1828 Green St.,
Harrisburg, Pa. 17102
W.C.P.R., I.F.C. Sports,
Interclass Sports,
Fraternity Athletic
Chairman, Dean's List

John Paul Hartofil
J. P.
Engineering
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Levittown, N. Y. 11756
A.S.C.E., Dean's List,
Newman Club

William Jay Heintze
L.O.L.
Engineering
Theta Xi
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Oradell, N. J. 07649
I.F.C. Sports, Interclass
Sports, Fraternity
Rushing Chairman,
Fraternity House
Manager, Arnold Air
Society

Harold David Helsley
Crisco
Engineering
Alpha Sigma Phi
R.D. 2, Box 353-A, New
Kensington, Pa. 10568
W.C.P.R., Stevens Chris-
tian Fellowship, Fra-
ternity Secretary,
Social Chairman,
Pledgemaster, Dean's
List, Chevron Oil
Scholarship

Martin Stephen
Herzlinger
Marty
Science
78 Greenwood Drive,
Millburn, N. J. 07041
Radio Club Secretary,
Jewish Fellowship,
A.C.M., Dean's List,
Kidde Scholarship

John Joseph Higgins
Engineering
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Elizabeth, N. J. 07208
W.C.P.R., A.C.S., Sports
Car Club

Gerald Highberger
The Old Man
Science
Beta Theta Pi
817 Washington Street,
Hoboken, N. J. 07030
Link, Lacrosse, Fencing,
I.F.C. Sports, Inter-
class Sports, Camera
Club, Fraternity Schol-
arship Chairman,
Dean's List

Russell Edward Highton
Russ
Engineering
362 Holly Drive,
Wyckoff, N. J. 07481

David Peter Hilbert
Dave
Engineering
Sigma Nu
25 Piedmont Drive, Port
Jefferson Station,
N. Y. 11776
Honor Board, I.E.E.E.,
Band, Fraternity His-
torian

Erick Jon Hjembo
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Chi Psi
47 Pemberton Avenue,
Oceanport, N. J. 07757
I.F.C. Athletic Chair-
man, Athletic Associ-
ation, Freshman Bas-
ketball, Lacrosse,
I.F.C. Sports

Harvey Richard
Holmberg II
Engineering
Apt. 509, Married Stu-
dent Apartments, Box
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Station, Hoboken,
N. J. 07030
Student Review Board
Secretary

Eric Allen Holwitt
Science
1001 Maltby Ave., So.
Plainfield, N. J. 07080
Stute Business Manager,
Varsity Fencing
Manager, Chess Club,
Jewish Fellowship,
Dean's List

Takayuki Honma
Taka
Engineering
14 Marshall St.,
Irvington, N. J. 07111

David Keith Horn
Engineering
Sigma Nu
606 Sheridan Ave.,
Roselle, N. J. 07030
I.F.C. Sports, Arnold Air
Society

Andrew Sidney Hornick
Bean
Engineering
Beta Theta Pi
188 Green St.,
Woodbridge, N. J.
07095
I.D.C. Secretary, Stute,
Fencing, I.D.C. Sports,
A.S.M.E. Secretary

Robert John Huber
Bob
Science
Pi Lambda Phi
157 Prospect Avenue,
Hackensack, N. J.
07601

John Joseph Hughes
Science
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Garfield, N. J. 07026
A.I.P., Tau Beta Pi,
Dean's List

Dale Norman Jacquish
Pierre
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Chi Psi
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I.F.C. Sports, Glee Club,
Yacht Club, I.E.E.E.

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Totowa, N.J. 07012
I.R.C. Sports, Fraternity
Treasurer, Fraternity
PledgeMASTER, I.E.E.E.

John Wilson Harding
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Sigma Nu
1828
Harrisburg, Pa. 17102
W.C.P.R., I.R.C. Sports
Interclass Sports
Fraternity, Athletic
Chairman, Dean's List

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Newman Club

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I.R.C. Sports, Interclass
Sports, Fraternity
Rushing, Chairman,
Fraternity House
Manager, Arnold Air
Society

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Crisc
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Alpha Sigma Phi
R.D. 2, Box 353-A, New
Kensington, Pa. 19568
W.C.P.R., Stevens Chris-
tian Fellowship, Frater-
nity, Secretary,
Social Chairman,
PledgeMASTER, Dean's
List, Chevrolet Oil
Scholarship

Martin Stephen Herzinger
Marty
Science
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Millburn, N.J. 07041
Radio Club Secretary,
Jewish Fellowship,
A.C.M., Dean's List,
Kappa Scholarship

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W.C.P.R., A.C.S., Sports
Car Club

Gerald Hieberker
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Beta Theta Pi
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I.R.C. Sports, Fencing,
Interclass Sports, Camer-
a Club, Fraternity Schol-
arship, Chairman,
Dean's List

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Dave
Engineering
Sigma Nu
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Jefferson Station,
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Honor Board, I.E.E.E.,
Hand, Fraternity His-
torian

Erick Jan Hjembø
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Chi Psi
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Oceanport, N.J. 07757
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man, Athletic Associa-
tion, Freshman Bas-
ketball, Lacrosse,
I.R.C. Sports

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dent Apartments, Box
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Secretary

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Varsity Wrestling
Manager, Chess Club,
Jewish Fellowship,
Dean's List

Takayuki Honma
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Engineering
14 Marshall St.,
Irvington, N.J. 07111

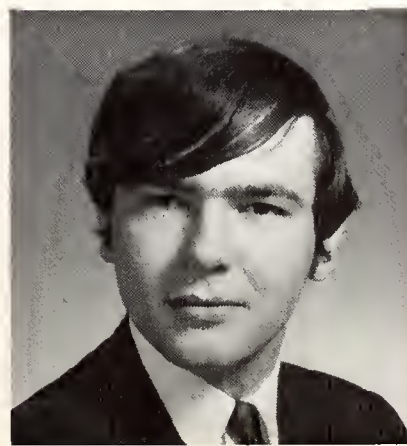
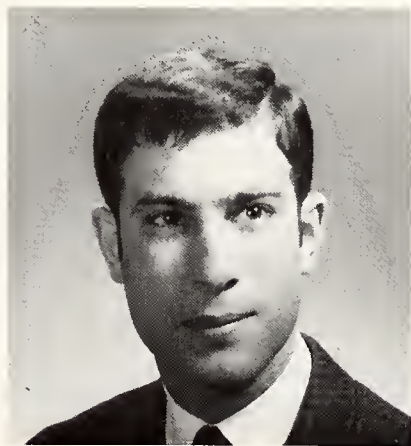
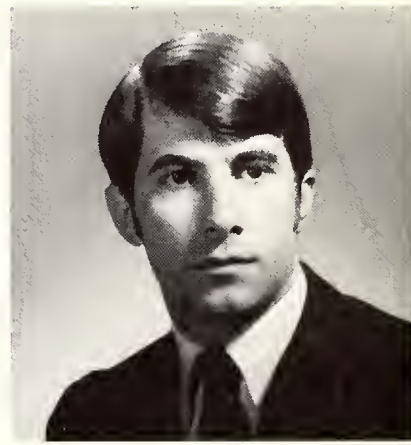
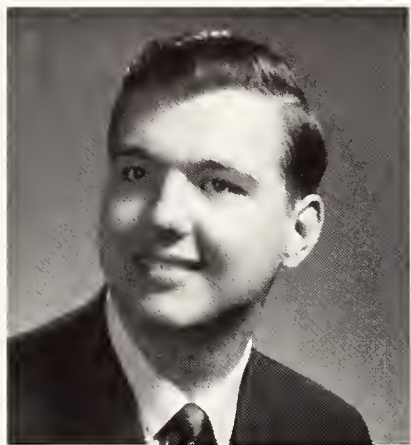
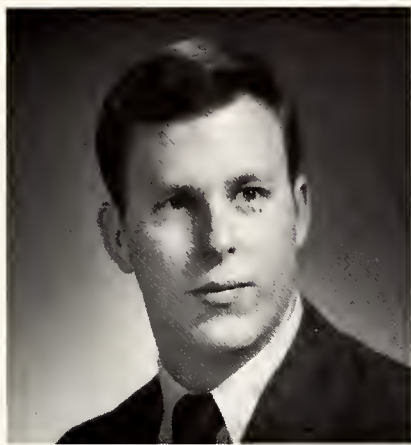
David Keith Horn
Engineering
Sigma Nu
606 Sheridan Ave.,
Roselle, N.J. 07068
I.R.C. Sports, Arnold Air
Society

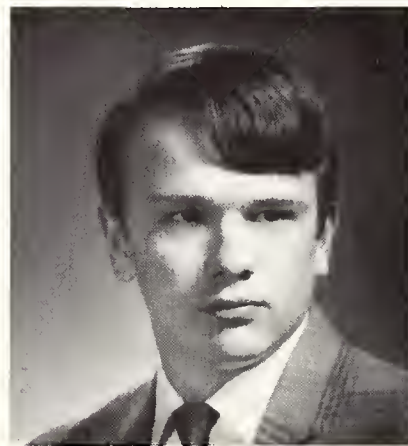
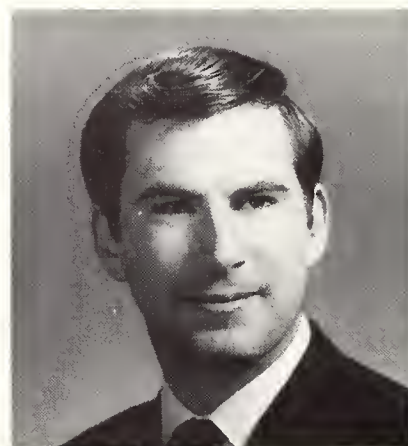
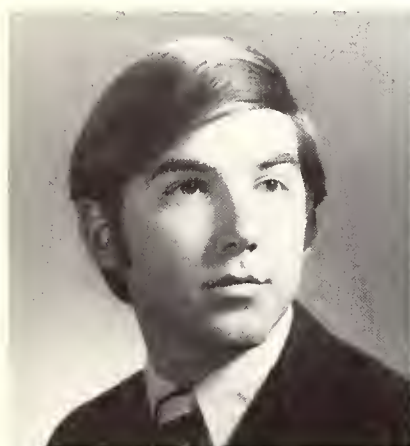
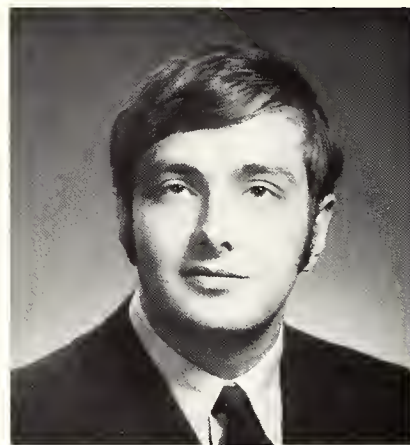
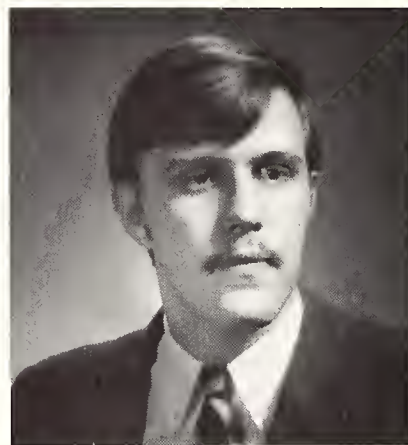
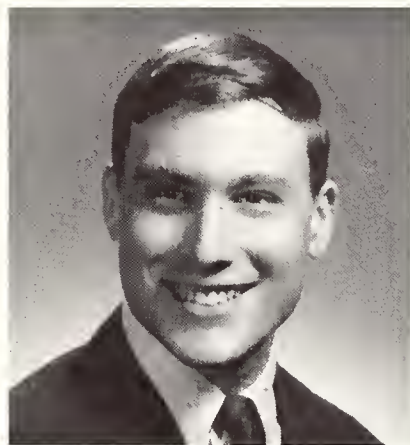
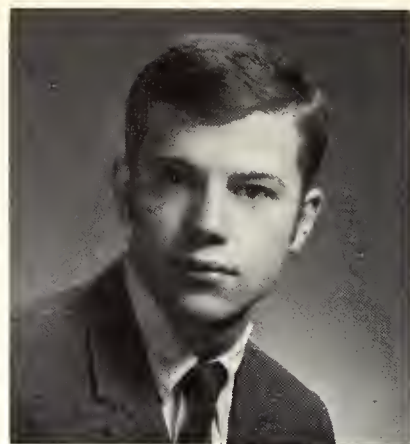
Andrew Sidney Hornick
Bob
Engineering
Beta Theta Pi
184 Green St.,
Woodbridge, N.J.
07095
I.D.C. Secretary, State
Fencing, I.D.C. Sports,
A.S.M.E. Secretary

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07601

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Chi Phi
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Club, Fraternity His-
torian and Alumni
Chairman

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Sports, Dramatic So-
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dent Assistant, Dean's
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Fraternity Scholar-
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William John Kelley
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nity Steward and Ath-
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Social Chairman,
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President, Glee
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Pi Delta Epsilon,
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Sports Car Club, Presi-
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sity Baseball Freshman
Squad, I.F.C. Sports,
Varsity "S" Club,
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W.C.P.R., Fencing Team,
A.C.M., I.E.E.E.,
Dean's List

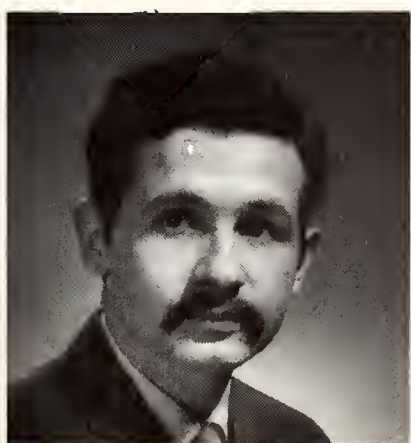
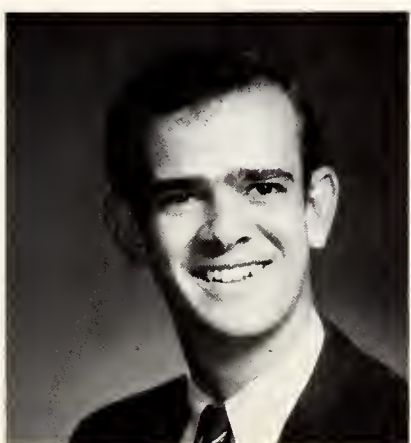
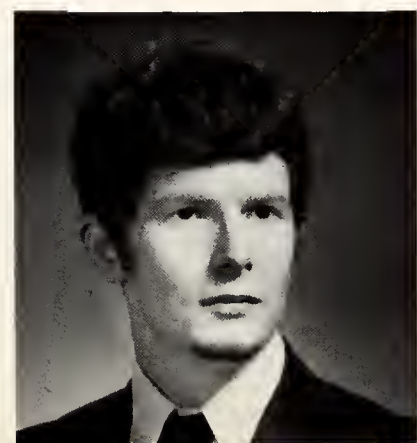
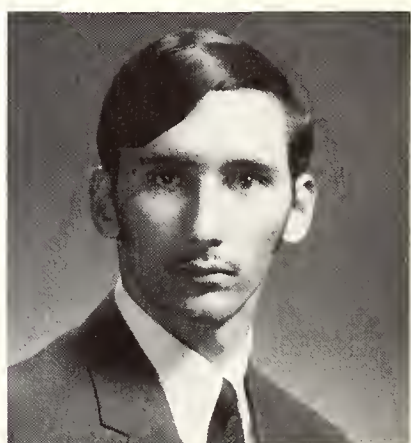
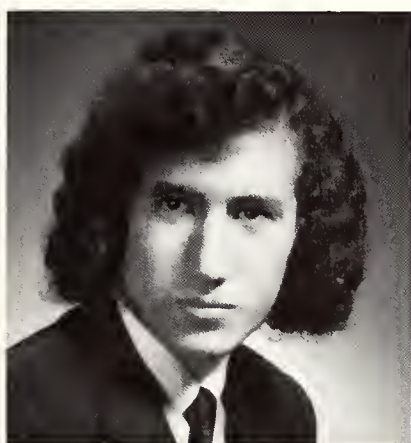
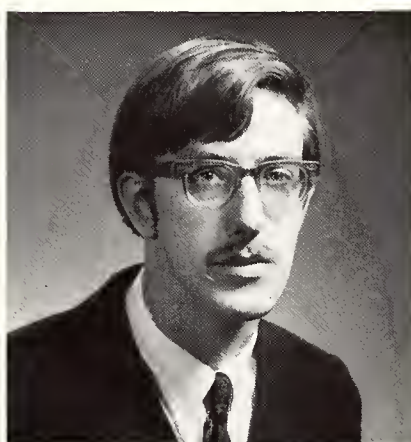
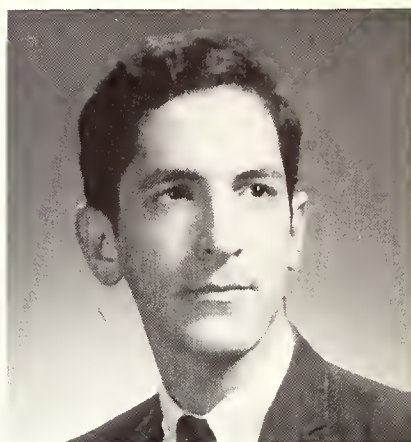
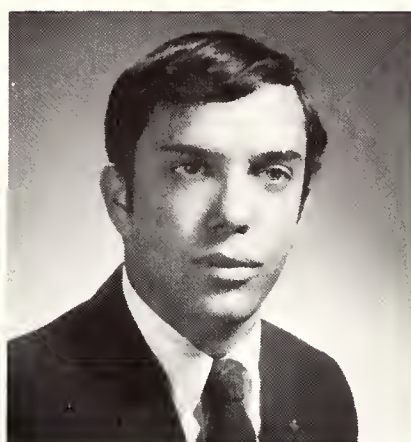
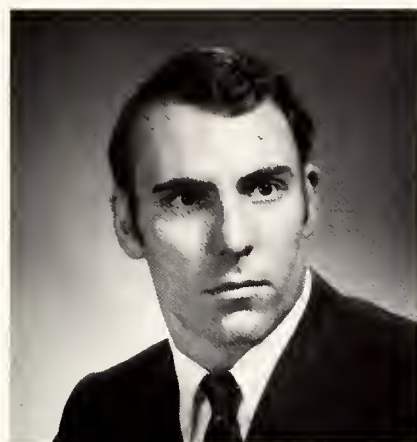
David Alan Lynch
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19 Ellis Court,
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A.L.A., Dean's List,
W.C.P.R.

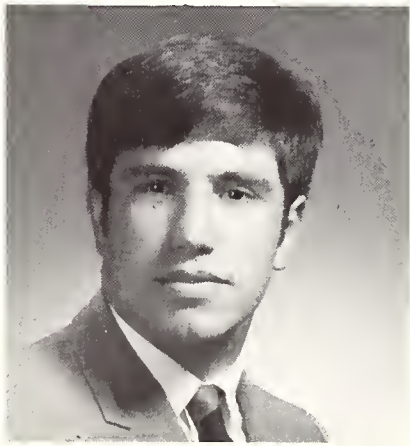
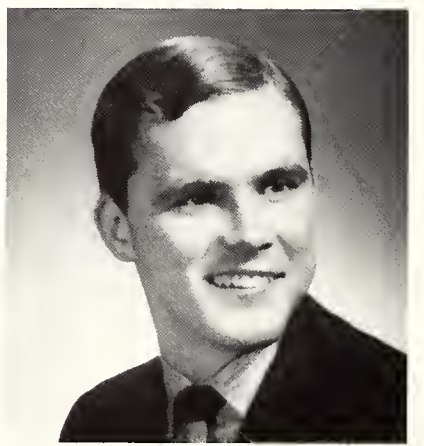
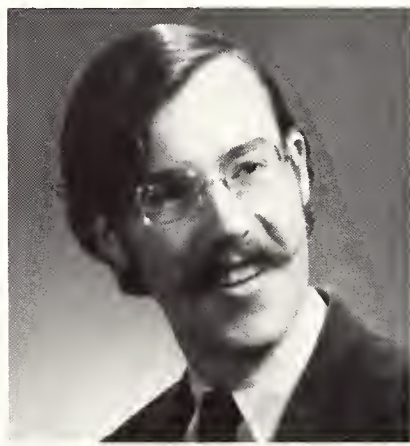
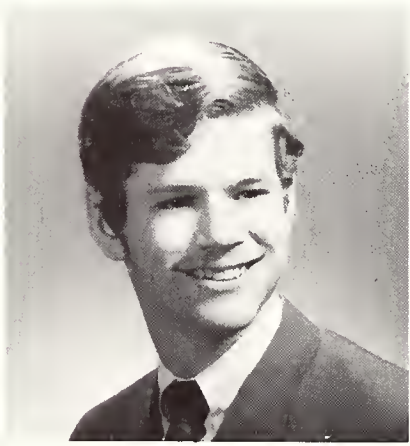
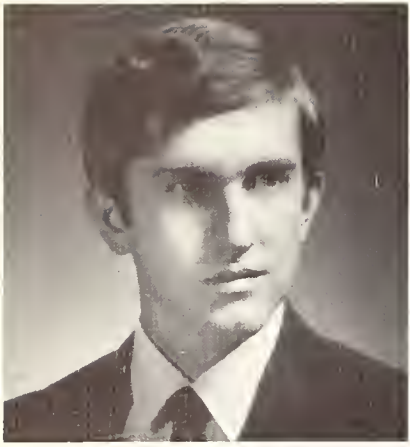
John Francis Lynch
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Engineering
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Westwood, N. J. 07675
S.U.E.

Steven Edward Magdits
Steve
Engineering
209 Goldenrod Ave.,
Franklin Sq., N. Y.
11010
Varsity Lacrosse, Sports
Car Club, A.S.M.E.

Frank Joseph Malvezzi
F. M.
Engineering
Beta Theta Pi
R.D. 1, Smith Road,
Dover, N. J.
Link, Stute, I.F.C.
Sports, Interclass
Sports, Alpha Phi
Omega, A.S.M.E., Fra-
ternity House Mana-
ger and Athletic
Chairman

Elliot L. Manders
Science
Sigma Nu
823 Jerome Ave.,
Hillside, N. J. 07205
Varsity Squash, Varsity
Tennis, I.F.C. Foot-
ball, Fraternity Social
Chairman

Stephen Stafford Mann III
Steve
Science
315 Beverly Dr.,
Aledandria, Virginia 22305
Frosh Lacrosse, S.U.E.,
A.C.M., Frosh Tutor,
Interclass Sports

William Henry Manrodt
Bill
Engineering
Chi Psi
31 Cypress St., Millburn,
N. J. 07041
Frosh Soccer Team,
A.I.Ch.E., Glee Club,
Fraternity House
Manager, Dean's List

Mustafa Abbas Marafi
Charly
Science
2940 Tilden St., N.W.,
Washington, D. C.
20008
Soccer

Joel Dennis Martin
Engineering
3 Gregory Pkwy.,
Dewitt, N. Y. 13214
Radio Club

William Joseph McCormack
Bill
Engineering
22 Tait Rd., Old
Greenwich, Conn. 06870
Dean's List

Douglas Hector McIntyre
Science
23 Delafield Place,
Staten Island, N. Y. 10310
Dean's List, Rice Schol-
arship

Stanley Allan McLeroy
Stan
Engineering
2222 N. Vermont St.,
Arlington, Va. 22207
Stute, Link, W.C.P.R.,
Camera Club, Chris-
tian Fellowship Presi-
dent, Concert Band,
Dramatic Society

Thomas Henry McSherry
Mac
Engineering
Chi Psi
45 Crosby Ave.,
Paterson, N. J. 07502
Freshman Baseball,
I.F.C. Sports

Gerald Joseph Meehan
Mahan
Engineering
Chi Phi
1018 Kennedy Blvd.,
Bayonne, N. J.
I.F.C., Events Editor,
Lacrosse, Interclass
Sports, I.F.C. Sports,
Newman Club, A.C.S.,
Fraternity President,
Dean's List

Charles Joseph Micciche
Charlie
Engineering
Theta Xi
148 Hawthorne Dr.,
Mount Holly, N. J.
08060
I.D.C. Sports, Interclass
Sports, I.F.C. Sports,
Yacht Club, I.E.E.E.,
Fraternity President,
Dean's List

Harvey Jay Minot
Rabbit
Science
292 Cornwall Rd., Glen
Rock, N. J. 07452
Interclass Sports, I.D.C.
Sports, Dean's List

Nasser Jouher Mohamed Sam
Engineering
Post Box 1524, Kuwait,
Kuwait
Varsity Soccer, Varsity
"S" Club

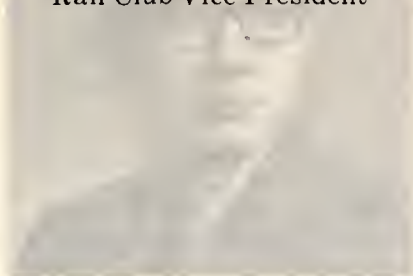
Philip John Mongiovi IV
Engineering
68 Henshaw Ave., East
Orange, N. J. 07017
Freshman Baseball,
Freshman Basketball,
Concert Band, Dean's
List

Richard William Moody
Engineering
32 Sunny Slope, Milling-
ton, N. J. 07946
Squash, Interclass Sports,
S.U.E.

Peter Patrick Morelli
Frog
Engineering
Beta Theta Pi
295 Union Ave.,
Lynbrook, N. Y. 11563
Stute Sports Editor,
I.F.C. Sports, Inter-
class Sports, A.S.M.E.,
A.P.O., I.D.C.

William Reese Morgan
Bill
Engineering
Sigma Nu
37 Palmer Drive, Camp
Hill, Pa. 17011
A.S.M.E., Sigma Nu
Marshall, Dean's
List

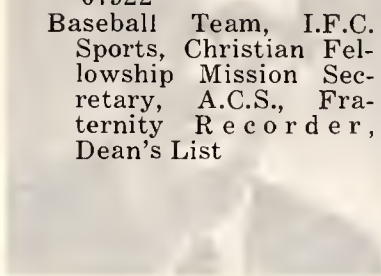
Joseph Ralph Natale
Joe
Engineering
577 Buffalo Ave., Egg
Harbor, N. J. 08215
Rail Club Vice President



John Stewart Nauss
Engineering
84 Greenacres Ave.,
Scarsdale, N. Y. 10583
A.C.M., I.E.E.E.



Craig Gardner Naylor
Engineering
Sigma Phi Epsilon
66 Hill Crest Ave.,
Berkeley Hts., N. J.
07922



Robert Emil Newmark
Engineering
Washington Valley Rd.,
Morristown, N. J.
Dean's List



Roy Sebastian Nicolosi
Engineering
Theta Xi
239 High St., Closter,
N. J. 07624
I.F.C. Secretary-
Treasurer, Concert
Band, Dance Band,
I.F.C. Sports



Stephen Novalany
Steve
Engineering
Delta Tau Delta
123 Stimpson Ave.,
Linden, N. J. 07036
Frosh Lacrosse Team,
Interclass Sports,
Dean's List



Jan Vincent Nowelski
Engineering
395 Yale Ave., Hillside,
N. J. 07205
W.C.P.R., Glee Club,
I.E.E.E., Dean's List



Kenneth James O'Brien
Ken
Engineering
Chi Phi
275 Pasadena Ave., Lodi,
N. J. 07644
Events, I.F.C. Sports,
A.I.Ch.E.



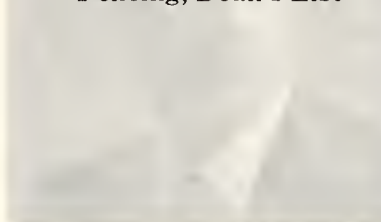
John Robert O'Donovan
Jack
Engineering
161 West Grand Ave.,
Montvale, N. J. 07645
Newman Club, S.U.E.,
A.S.C.E., Interclass
Sports



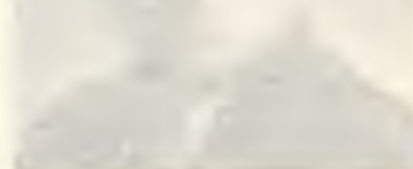
Scott Reynard Osborne
Oz
Engineering
Sigma Phi Epsilon
109 Hunting Lane,
Simpsonville, Md. 21150
I.E.E.E., A.C.M., Tau
Beta Pi, Dean's List,
Student Council Movie
Committee Chairman.



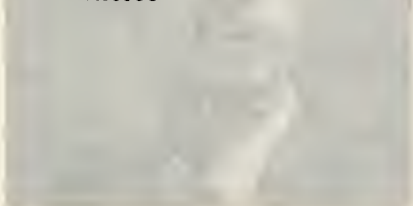
Ronald Edward Pacholec
Patch
Science
Alpha Sigma Phi
413 Union St., Jersey
City, N. J. 07304
S.U.E., A.S.C.E., Frosh
Fencing, Dean's List



Mark Leonard Parise
Ernie
Engineering
Chi Phi
16 Thomas St., Old
Bridge, N. J. 08857
Events Magazine, Base-
ball, Sports Car Club,
Bowling Club, Varsity
"S" Club



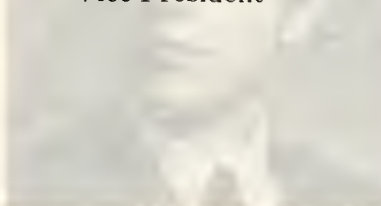
Joseph Richard Pavano
Joe
Engineering
Delta Tau Delta
145 Pinehurst Ave., New
Britain, Conn. 06053
Link Business Staff,
Stevens Night Com-
mittee



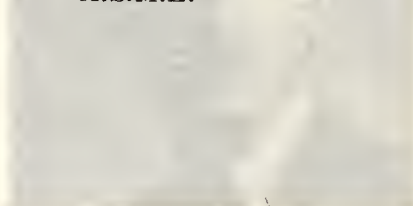
Michael Wright Pechiro
Daisy
Engineering
295 Greengrove Ave.,
Uniondale, L.I., N. Y.
11553
Sports Car Club, S.A.E.,
A.S.M.E.



Steven Alex Pekarsky
Sparky
Engineering
Phi Sigma Kappa
RFD 5, East Vineland,
N. J.
I.F.C. Sports, Interclass
Sports, Fraternity
Vice President



Kenneth Aiken Phair
Ken
Engineering
30019 Briarton St.,
Farmington, Mich.
48024
Freshman Squash Team,
Tennis Team,
A.S.M.E.



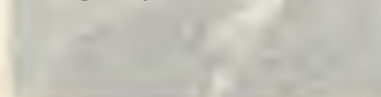
John Phillips
Jack
Engineering
627 Ferry St., Newark,
N. J. 07105
Interclass Sports, Senior
Manager Glee Club,
Concert Band, Dean's
List, National Incen-
tive Grant



Robert Douglas Phipps
Bob
Engineering
Sigma Nu
13 Mark St., Newburgh,
N. Y. 12550
Freshman Baseball,
I.F.C. Sports, Rail
Club



Joseph George Pigott
Joe
Engineering
72 Sunset Ave., Milford,
Conn. 06460
Athletic Association,
Co-Captain Varsity
Fencing Team, Var-
sity "S" Club,
A.S.M.E., Dean's List,
Ernest J.J. & Amelia
B. Sievers Scholarship
Grant



John Edward Plancey
Engineering
564 Patten Ave., Long
Branch, N. J. 07740
Dean's List



Joseph Ralph Natale
106
Engineering
577 Buffalo Ave., Bay
Harbor, N. J. 08315
Rail Club Vice President

John Stewart Nuss
Engineering
84 Greenacres Ave.,
Scarsdale, N. Y. 10583
A.C.M. I.R.E.E.

Kraig Gardner Naylor
Engineering
Sigma Phi Epsilon
66 Hill Crest Ave.,
Berkeley Hts., N. J.
07832
Baseball Team, I.F.C.
Sports, Christian Fel-
lowship Mission Soc-
iety, A.C.S., Fra-
ternity, Recorder,
Dean's List

Robert Emil Newmark
Engineering
Washington Valley Rd.,
Morristown, N. J.
Dean's List

Ray Sebastian Nicolosi
Engineering
Delta Xi
239 High St., Claret,
N. J. 07624
I. F. C. Secretary -
Treasurer, Concert
Band, Dance Band,
I.F.C. Sports

Stephen Newberry
Steve
Engineering
Delta Tau Delta
122 Simpson Ave.,
Linden, N. J. 07036
Fresh Lacrosse Team,
Interclass Sports,
Dean's List

Jan Vincent Nowelski
Engineering
395 Yale Ave., Hillside,
N. J. 07036
W.C.P.R., Glee Club,
I.F.E.E., Dean's List

Kenneth James O'Brien
Ken
Engineering
Chi Phi
275 Passadena Ave., Lodi,
N. J. 07644
Events, I.F.C. Sports,
A.I.C.H.E.

John Robert O'Donovan
Jack
Engineering
161 West Grand Ave.,
Montvale, N. J. 07645
Newman Club, S.U.E.,
A.S.C.E., Interclass
Sports

Scott Raymond Osborne
Oz
Engineering
Sigma Phi Epsilon
109 Hunting Lane,
Simpsonville, Md. 21150
I.R.E.E., A.C.M., Tan-
Beta Phi, Dean's List,
Student Council, Movie
Committee Chairman

Ronald Edward Pacholec
Patch
Science
Alpha Sigma Phi
413 Union St., Jersey
City, N. J. 07304
S.U.E., A.S.C.E., Fresh
Fencing, Dean's List

Mark Leonard Parisse
Ernie
Engineering
Chi Phi
15 Thomas St., Lodi,
Bridge, N. J. 07645
Events Magazine, Base-
ball, Sports Car Club,
Bowling Club, Varsity
"S" Club

Joseph Richard Pavano
Joe
Engineering
Delta Tau Delta
145 Pinhurst Ave., New
Britain, Conn. 06053
Link Business Staff,
Stevens Night Com-
mittee

Michael Wright Pechiro
Daisy
Engineering
295 Greengrove Ave.,
Uniondale, L.I., N. Y.
11553
Sports Car Club, I.F.E.,
A.S.M.E.

Steven Alex Pekarsky
Sparky
Engineering
Phi Sigma Kappa
RFD #1 East Vineland,
N. J.
I.F.C. Sports, Interclass
Sports, Fraternity,
Vice President

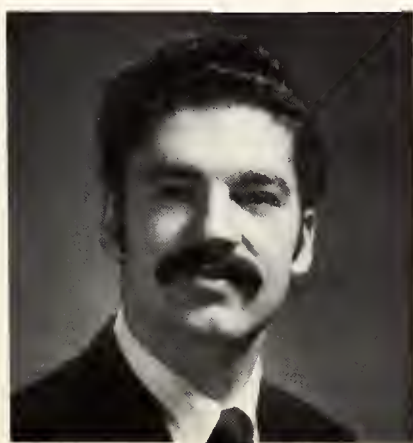
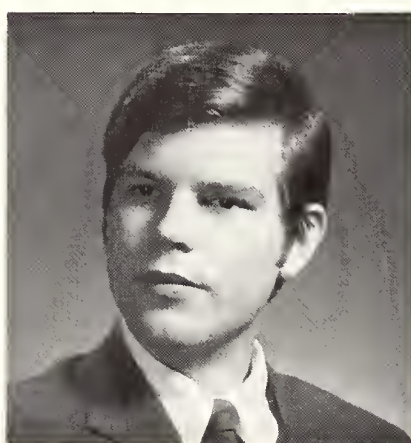
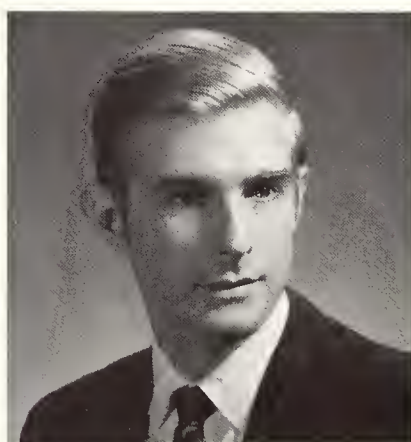
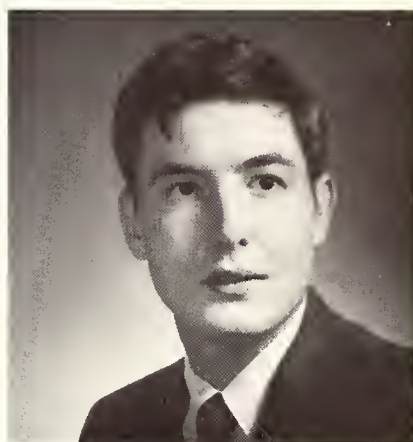
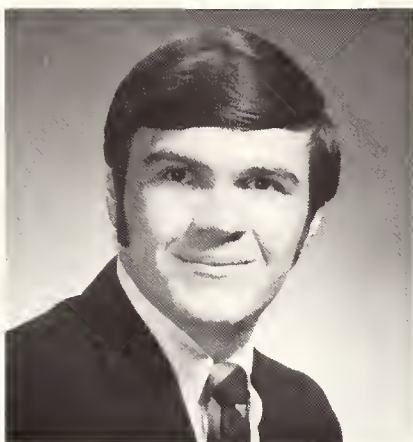
Kenneth Allen Phair
Ken
Engineering
30019 Brighton St.,
Farmington, Mich.
48031
Freshman Splash Team,
Tennis Team,
A.S.M.E.

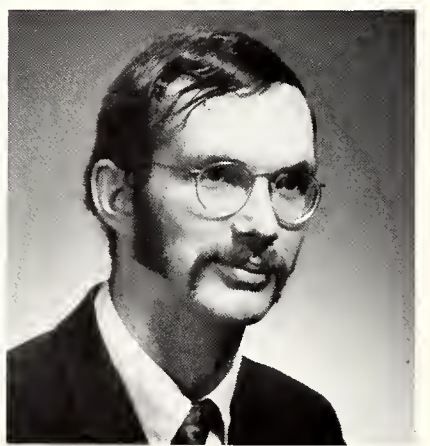
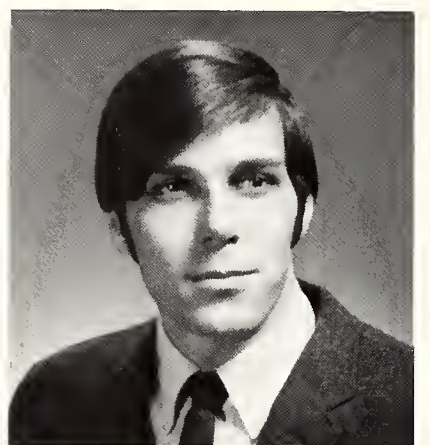
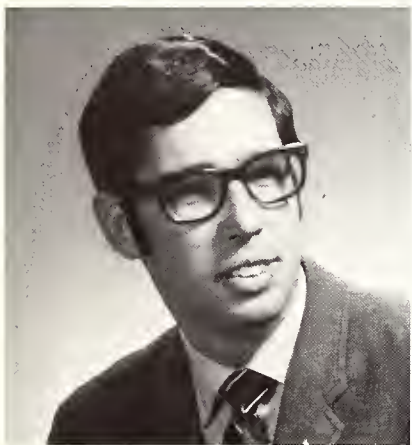
John Phillips
Jack
Engineering
627 Ferry St., Newark,
N. J. 07105
Interclass Sports, Senior
Manager Glee Club,
Concert Band, Dean's
List, National Inter-
five Grant

Robert Douglas Phillips
Bob
Engineering
Sigma Nu
13 Mark St., Newburgh,
N. Y. 12550
Freshman Baseball,
I.F.C. Sports, Rail-
Club

Joseph George Pickett
Joe
Engineering
72 Sunset Ave., Milford,
Conn. 06460
Athletic Association,
Co-Captain Varsity
Fencing Team, Var-
sity "S" Club,
A.S.M.E., Dean's List,
Ernest J. J. & Anglin
B. Sievers Scholarship
Grant

John Edward Plancey
Engineering
564 Patton Ave., Lodi,
Bridge, N. J. 07640
Dean's List





David L. ...
Pole
Engineering
Beta Theta Pi
10 Waterbury, R.I.
Baltimore, Md. 11321
Inter Alpha Phi Omega
A.S.M.E. Hosiery
Scholarship Winner
with Steward

Anthony James Polak
Science
Phi Sigma Kappa
34 N. Myrtle St.
Vineland N.J. 08360
Treasurer A.C.S. Fraternity
Social Chairman
Dean's List

David Stanley Pollack
Science
Phi Sigma Kappa
34 N. Myrtle St.
Vineland N.J. 08360
Treasurer A.C.S. Fraternity
Social Chairman
Dean's List

Joseph Richard Pons
Engineering
65 East 3 St., Bayonne,
N.J. 07002
Interclass Lacrosse,
Society of Automotive
Engineers, Dean's List

Daniel Allen Rosner
Data
Engineering
Alpha Sigma Phi
10 DeWitt St., Valley
Stream, N.Y. 11580
Rank Photography Editor
for Freshman Speech
Interclass Sports
I.F.C. Sports, I.E.E.E.
Treasurer, Secretary
Stevens Fellowship
Secretary Alpha
Sigma Phi, Photog-
raphy Club, Dean's
List

Bruce Joseph Preston
Science
40 Algonquin Circle
Madison, N.J. 07910
Beta Club

Gerald Davis Price
Library
Engineering
85-15 Main St., Briar-
wood, N.Y. 11412
State Senior Football
Link, Dean's List

Daniel Joseph Quinn
Science
Chi Psi
412 Gregory Ave.,
Weehawken, N.J.
07087
Dean's List

Gordon Ronald Quinones
"Chops"
Engineering
221 Grand Ave.,
Rutherford, N.J. 07070
Student Leader, Inter-
class Sports, Club
Band, Basketball, Rec-
reational Secretary,
Tau Beta Pi, Dean's
List

John Gerard Raven
John
Engineering
Delta Tau Delta
245 Voorhis Ave., New
Milford, N.J. 07646
State, Link, Sports,
Managers, Basketball,
I.F.C. Sports, Inter-
class Sports, Varsity
"S" Club, Fraternity
House Manager,
Treasurer, Pi Delta
Epsilon

Robert John Reed
Bob
Engineering
1009 Forest Rd., Briar-
wood, N.J. 08730
Honor Board Rep, Fresh-
man Sports, Interclass
Sports, Dramatic
Society, Newman
Club, Theta Alpha Phi

Peter William Kennor
Bent
Engineering
Alpha Sigma Phi
127 Clinton St., Hoboken
N.J. 07030
Freshman Basketball,
Interclass Sports,
I.F.C. Sports, I.E.E.E.

William Robinson
Raphael Jr.
The Harry C. ...
Science
105 Ave. Lane
Hicksville, N.Y. 11801
State, Business Mgr.,
W.C.P.R., President
Science Fiction Club,
Glee Club, Vice Pres.,
Christian Fellowship,
Pi Delta Epsilon

Robert Philip Kicco
Bob
Engineering
Willow Ave., Passaic,
N.J. 07657
Vice-Chairman I.E.E.E.,
Dramatic Society,
Dean's List

Walter Alfred Kiss
Engineering
Alpha Sigma Phi
903 Castle Point Terrace
Hoboken, N.J. 07030
I.F.C. Sports, Soccer,
Squash, Chess Club,
A.S.M.E. Dean's List,
Fraternity Officers

Michael Allen Rudy
Mike
Science
21 Harding Ct., Garfield,
N.J. 07030
Tau Beta Pi, Dean's
List, A.C.S.

Leon E. Roditi
Engineering
Ave. A, Little Rock,
Arkansas
Birmingham, Caracas,
Venezuela
Latin American Club,
A.I.Ch.E.

Robert Paul Rootger
Bob
Engineering
1111 Princeton Ave.,
Briarcliff, N.J. 08421
I.F.C. Sports, Fraternity
President

Harry Joseph Rogin
Engineering
902 Washington Ave.,
North Bellmore, N.Y.
11710
I.F.C. Sports, I.D.C.,
Freshman Fellowship,
I.E.E.E. Dean's List

Joseph George Roosevelt
Big A
Science
58 Hopkins Avenue,
Jersey City, N.J.
07308
I.D.C., I.F.C. Ways and
Means Committee,
I.D.C. Sports, I.F.C.
and Interclass Sports,
Mathematical Assoc-
iation of America,
Dean's List

Daniel Lawrence Pobloskie
Pole
Engineering
Beta Theta Pi
10 Waterview Rd.,
Baltimore, Md. 21222
Link, Alpha Phi Omega,
A.S.M.E., Stute, Hoxie
Scholarship, Frater-
nity Steward

Anthony James Polak
Tony
Science
314 Hillside Dr., New
Hyde Park, N.Y. 11040
Lacrosse Team, Inter-
class Sports, Band,
Dean's List

David Stanley Pollack
Science
Phi Sigma Kappa
24 N. Myrtle St.,
Vineland, N. J. 08360
Treasurer A.C.S., Fra-
ternity Social Chair-
man, Dean's List

Joseph Richard Pona
Engineering
65 East 3 St., Bayonne,
N. J. 07002
Interclass Lacrosse,
Society of Automotive
Engineers, Dean's List

Daniel Allen Posner
Dan
Engineering
Alpha Sigma Phi
16 DeWitt St., Valley
Stream, N. Y. 11580
Link Photography Edi-
tor, Freshman Squash,
Interclass Sports,
I.F.C. Sports, I.E.E.E.
Treasurer, Secretary
Stevens Fellowship,
Secretary Alpha
Sigma Phi, Photog-
raphy Club, Dean's
List

Bruce Joseph Preston
Science
42 Albright Circle,
Madison, N. J. 07940
Rail Club

Gerald Davis Price
Jerry
Engineering
85-15 Main St., Briar-
wood, N. Y. 11435
Stute, Senior Booklet,
Link, Dean's List

Daniel Joseph Quinn
Science
Chi Psi
412 Gregory Ave.,
Weehawken, N. J.
07087
Dean's List

Gordon Ronald Quinones
"Chops"
Engineering
221 Grand Ave.,
Rutherford, N. J. 07070
Student Leader Dance
Band, Band, Glee Club,
Recording Secretary,
Tau Beta Pi, Dean's
List

John Gerard Raven
John
Engineering
Delta Tau Delta
268 Voorhis Ave., New
Milford, N. J. 07646
Stute, Link Business
Manager, Baseball,
I.F.C. Sports, Inter-
class Sports, Varsity
"S" Club, Fraternity
House Manager,
Treasurer Pi Delta
Epsilon

Robert John Reed
Bob
Engineering
1009 Forrest Rd., Brielle,
N. J. 08730
Honor Board Rep, Frosh
Squash, Interclass
Sports, Dramatic
Society, Newman
Club, Theta Alpha Phi

Peter William Renner
Bent
Engineering
Alpha Sigma Phi
127 Clinton St., Hoboken,
N. J. 07030
Freshman Basketball,
Interclass Sports,
I.F.C. Sports, I.E.E.E.

William Robinson Reynolds Jr.
The Hairy Gnome
Science
336 Acre Lane,
Hicksville, N. Y. 11801
Stute, Business Mgr.
W.C.P.R., President
Science Fiction Club,
Glee Club, Vice Pres.
Christian Fellowship,
Pi Delta Epsilon

Robert Philip Ricco
Bob
Engineering
Willow Ave., Peapack,
N. J. 07977
Vice-Chairman I.E.E.E.,
Dramatic Society,
Dean's List

Walter Alfred Risi
Engineering
Alpha Sigma Phi
903 Castle Point Terrace,
Hoboken, N. J. 07030
I.F.C. Sports, Soccer,
Squash, Chess Club,
A.S.M.E., Dean's List,
Fraternity Offices

Michael Allen Rudy
Mike
Science
31 Harding Ct., Garfield,
N. J. 07026
Tau Beta Pi, Dean's
List, A.C.S.

Leon I. Roditi
Engineering
Av. Altimira-Resd.
Akadia San
Bernardino, Caracas,
Venezuela
Latin American Club,
A.I.Ch.E.

Robert Paul Roetger
Bob
Engineering
Chi Phi
190 Princeton Ave.,
Bricktown, N. J. 08723
I.F.C. Sports, Fraternity
President

Harry Joseph Rogin
Engineering
962 Washington Ave.,
North Bellmore, N. Y.
11710
I.D.C. Sports, I.D.C.,
Jewish Fellowship,
I.E.E.E., Dean's List

Joseph George Roosevelt
Big 'A'
Science
Alpha Sigma Phi
59 Hopkins Avenue,
Jersey City, N. J.
07306
I.D.C., I.F.C. Ways and
Means Committee,
I.D.C. Sports, I.F.C.
and Interclass Sports,
Mathematical Asso-
ciation of America,
Dean's List

Charles Edwin Roswell
 Roz
 Science
 827 Hudson St.,
 Hoboken, N. J. 07030
 V.P. Concert Band, Jazz
 Band, Concert Band,
 Photography Club

Steven Charles Roth
 Science
 4046 Elizabeth Lane,
 Fairfax, Va. 22030
 Rifle Team, Dean's List

John Henri Royal
 Engineering
 11 Hillcrest Ave.,
 Clifton, N. J. 07013
 Fencing Co-Captain,
 A.S.M.E., Sword Club,
 Tau Beta Pi, Dean's
 List

Hendrick William Ruck
 Henk
 Science
 15 Dora Ave., Waldwick,
 N. J. 07463
 Vice Pres. Student
 Council, Class Presi-
 dent, W.C.P.R. Sec-
 retary, Camera Club,
 Gear and Triangle
 Vice Pres., Treas.
 Khoda, Dean's List

Richard Jacob Sachs
 Rich
 Science
 58 Collins Ave.,
 Bloomfield, N. J. 07003
 W.C.P.R., A.C.M.

Louis Maurice Sandler
 Pig Pen
 Engineering
 Beta Theta Pi
 5602 Winner Ave.,
 Baltimore, Md. 21215
 I.D.C. Athletic Chair-
 man, Stute, Link,
 I.F.C. Sports, I.D.C.
 Sports, Interclass
 Sports, Dean's List,
 Union Carbide Schol-
 arship

Peter Nicholas Sapios
 Science
 113 Roosevelt Ave.,
 Hasbrouck Heights,
 N. J. 07604
 Fencing, Dean's List

Stephen Jay Savitt
 Science
 Alpha Sigma Phi
 2609 Allen Ave., Union,
 N. J. 07083
 I.F.C. Sports, Fraternity
 Secretary

John Scarmalis
 Engineering
 156-20 Sandford Ave.,
 Flushing, N. Y. 11355

Peter Elmer Schaub
 Pete
 Engineering
 Sigma Phi Epsilon
 15 Bond Place, W.
 Caldwell, N. J. 07006
 Stute, I.F.C. Sports,
 Christian Fellowship,
 Vice Pres. A.S.M.E.,
 Fraternity Secretary

Peter George
 Scheckermann
 Engineering
 535 Turnpike, Pompton
 Plains, N. J.
 Interclass Sports, I.D.C.
 Sports, Rail Club,
 A.S.M.E., Dean's List,
 I.D.C.

Gerald William Schirra
 Jerry—Tooth
 Engineering
 Beta Theta Pi
 181 Prospect St.,
 Hasbrouck Heights,
 N. J. 07604
 Editor-in-Chief Link,
 Vice-Pres. Beta Theta
 Pi, Pi Delta Epsilon,
 Dean's List, Alpha Phi
 Omega, I.E.E.E., Sen-
 ior Booklet

James Charles Schneider
 Jim
 Engineering
 Chi Psi
 674 Willow Ave.,
 Garwood, N. J. 07027
 Basketball, Golf, Sec-
 Treas. Fold Music So-
 ciety, Tau Beta Pi,
 Dean's List, Arthur N.
 Haluarsen Award,
 Fraternity Treasurer,
 Resident Assistant

Michael Alan Scott
 Sphynx
 Engineering
 Phi Sigma Kappa
 24A West 35th St.,
 Bayonne, N. J. 07002
 I.F.C., A.S.C.E., Frater-
 nity President, I.F.C.
 Sports, S.A.E. Trea-
 surer

Ero Carl Selander
 Engineering
 Sigma Nu
 89 Trowbridge Pl.,
 Naugatuck, Conn.
 06770
 Frosh Baseball, I.F.C.
 Sports, Arnold Air
 Society, Reserve
 Officer Association
 Award

William Allen Shaffer
 Science
 Sigma Nu
 877 Church Hill Rd.,
 Fairfield, Conn. 06604
 I.F.C. Sports, Dean's
 List, Stevens Scholar-
 ship

Edward Albert Shea
 Ed
 Engineering
 Delta Tau Delta
 774 Morningside Lane,
 Ridgefield, N. J. 07657
 Frosh Basketball, Var-
 sity Basketball, I.F.C.
 Sports

Peter Ross Shearer
 Pete
 Engineering
 Beta Theta Pi
 32 E. Hegel Ave.,
 Colonia, N. J. 07067
 Stute Managing Editor,
 Sports Editor, Link
 Copy Editor, Frosh
 Baseball, Frosh Fenc-
 ing, I.F.C. and Inter-
 class Athletics, Alpha
 Phi Omega, Pi Delta
 Epsilon, Stevens
 Scholarship, Woodbridge
 Community Scholar

Paul Martin Sheldon
 Science
 533 Prospect Ave.,
 Hackensack, N. J. 07601
 A.C.M., Dean's List,
 S.U.E.

Thomas James Sieffert
 Tom
 Engineering
 1018 Denton Ave., New
 Hyde Park, N. Y.
 11040
 Frosh Soccer, Frosh
 Baseball, Varsity
 Baseball, A.S.M.E.,
 Vice President New-
 man Association

Charles Edwin Koswell
Ros
Science
827 Hudson St.
Hoboken, N. J. 07030
V.L. Concert Band, Jazz
Band, Concert Band,
Photography Club

Steven Charles Roth
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4046 Elizabeth Lane,
Fairfax, Va. 22030
Rifle Team, Dean's List

John Henri Royal
Engineering
11 Hillcrest Ave.,
Clifton, N. J. 07013
Fencing, Co-Captain,
A.S.M.E. Sword Club,
Tau Beta Pi, Dean's
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Hank
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N. J. 07168
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Jent, W.C.P.R. Sec.
Fencing, Gamma Club,
Gear and Frisbee
Vice Pres., Treas.
Knappa, Dean's List

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58 Collins Ave.,
Bloomfield, N. J. 07003
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Pig Pen
Engineering
Beta Theta Pi
5602, Winner Ave.,
Baltimore, Md. 21215
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man, State, Link,
I.R.C. Sports, I.D.C.
Sports, Interclass
Sports, Dean's List,
Union Carbo School
arsity

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Hasbrouck Heights,
N. J. 07604
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Alpha Sigma Phi
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N. J. 07083
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Engineering
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Flushing, N. Y. 11355

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Pete
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Christian Fellowship,
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Fraternity Secretary

Peter George
Schackermann
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535 Turnpike, Pompton
Plains, N. J.
Interclass Sports, I.D.C.
Sports, Rail Club,
A.S.M.E., Dean's List,
I.D.C.

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Jerry-Tooht
Engineering
Beta Theta Pi
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N. J. 07604
Editor-in-Chief, Link,
Vice-Pres. Beta Theta
Pi, Pi Delta Epsilon,
Dean's List, Alpha Phi
Omegas, I.R.C. Sec-
retary, Booklist

James Charles Schneider
Jim
Engineering
Chi Psi
674 Willow Ave.,
Garwood, N. J. 07027
Basketball, Golf, Sec-
Treas. Fold Music So-
ciety, Tau Beta Pi,
Dean's List, Arthur N.
Halvorsen Award,
Fraternity Treasurer,
Resident Assistant

Michael Alan Scott
Sphinx
Engineering
Phi Sigma Kappa
34A West 35th St.,
Bayonne, N. J. 07002
I.R.C., A.S.C.E., Frater-
nity President, I.R.C.
Sports, S.A.E. Treas-
urer

Fro Carl Selander
Engineering
Sigma Nu
89 Township Pl.,
Nankatuck, Conn.
06776
Frosh Baseball, I.R.C.,
Sports, Arnold Air
Society, Reserve
Officer, Association
Award

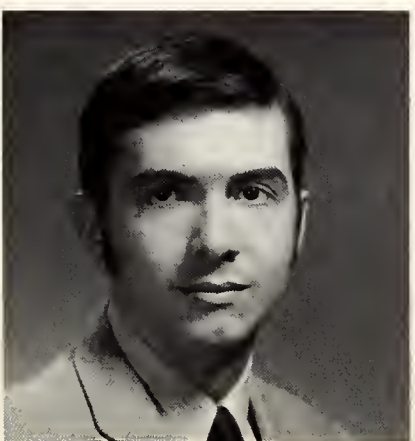
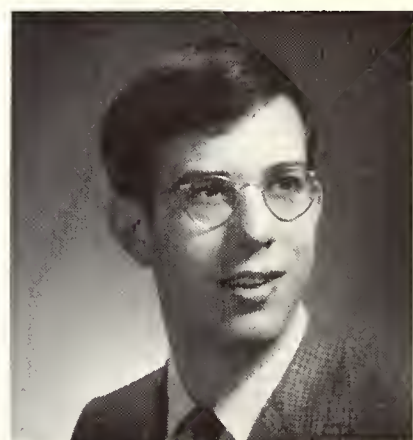
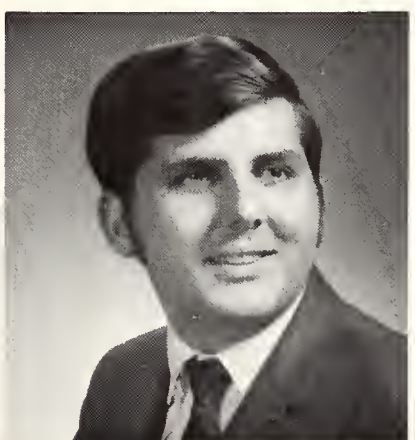
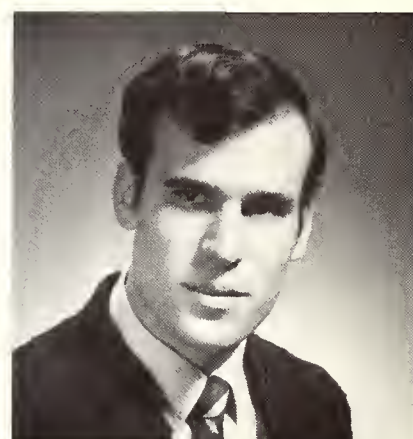
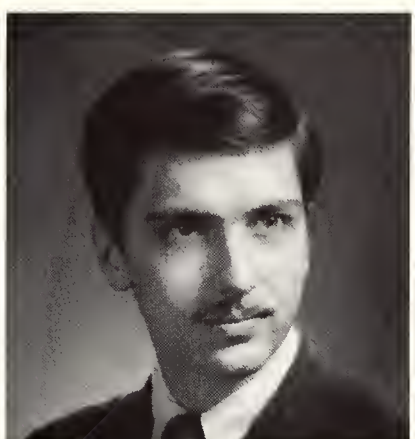
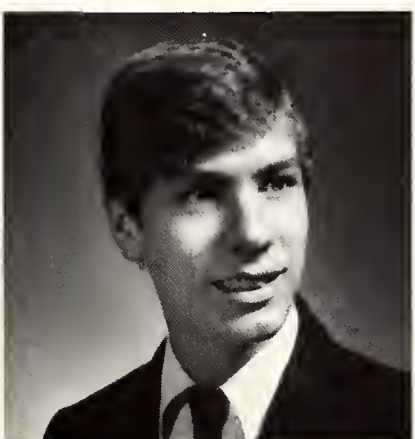
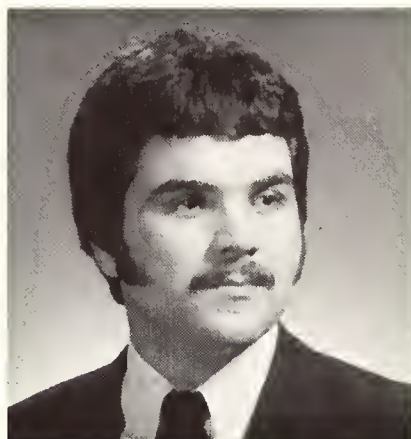
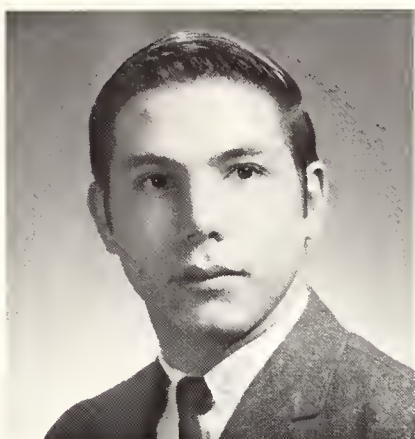
William Allen Shaffer
Science
Sigma Nu
877 Church Hill Pl.,
Fairfield, Conn. 06404
I.R.C. Sports, Dean's
List, Stevens Scholar-
ship

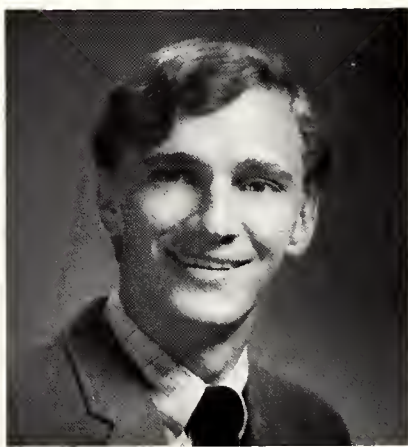
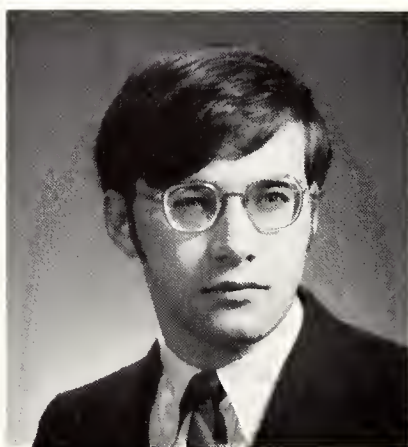
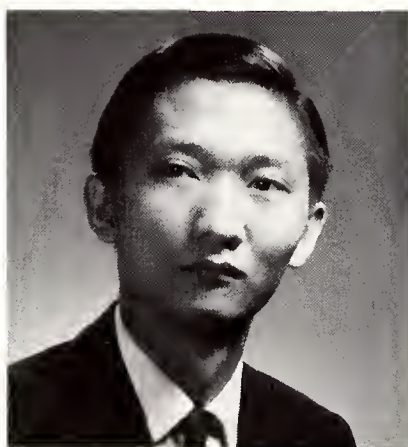
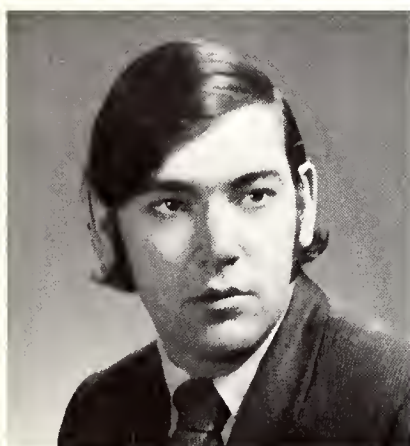
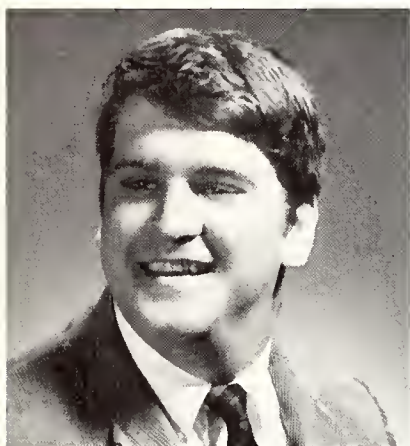
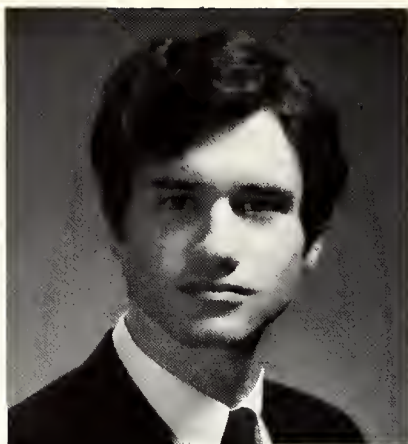
Edward Albert Shea
Ed
Engineering
Delta Tau Delta
774 Morningstar Lane,
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Frosh Basketball, Var-
sity Basketball, I.R.C.
Sports

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Sports Editor, Link
Copy Editor, Frosh
Baseball, Frosh Fenc-
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Phi Omega, Pi Delta
Epsilon, Stevens
Scholarship, Woodbridge
Community Scholar

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Baseball, Varsity
Baseball, A.S.M.E.,
Vice President, New-
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Rosa Theta Pi
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Omega, I.E.E.E., Pi
Delta Epsilon, Treas-
urer, Pi Sigma Phi
and Treasurer, Gamma
and Theta

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Beta Theta Pi
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Amboy, N. J. 08861
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Link Sigma I. P. C.
Sports, I. P. C. Sports,
Interclass Sports,
Newman Club, Treas-
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Torgy
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Sigma Nu
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Westfield, N. J. 07090
I.E.E.E.

Henry Raymond Han
Handle
Hank
Engineering
Theta Xi
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N. J. 07065
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Basketball, I.D.C.
Sports, I.P.C. Sports,
I.E.E.E., Yacht Club,
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Don
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Sports, Interclass
Sports

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Doug
Engineering
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A. S. C. E., Stevens
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Engineering
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Cholon, South Vietnam
I.D.C. Sports, Chinese
Club, A.C.M., Dean's
List

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Wainright
Engineering
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Lake Heights, N. J.
07762
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Council, Honor Board,
Commissioner of
Interclass Athletics,
State Varsity Basket-
ball, Dean's List, Ste-
vens Scholarship

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Sigma Nu
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N. Y. 11435
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Science
Alpha Sigma Phi
68 Colonial Terr., East
Orange, N. J. 07017
President, Jewish Fel-
lowship, A.C.M., Sec-
retary, Dean's List,
Fraternity, Steward

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Tweed
Engineering
Delta Tau Delta
319 Van Winkle Ave.,
Hawthorne, N. J.
07506
Athletic Association,
Varsity Basketball
Captain, I.F.C. Sports,
I.D.C. Sports, Inter-
class Sports, Varsity
"S" Club, Dean's List

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Rudy
Engineering
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N. J. 07111
Interclass Sports, Chess
Club, Dean's List

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Brooklyn, N. Y. 11234
I.F.C., Fraternity Social
Chairman

Gene S. Spanier
Gene
Engineering
2 Esplanade, Mt. Vernon,
N. Y. 10553
State Radio Club, Chess
Club, Computer Club,
I.E.E.E., Dean's List

Donald Stuardi
Nuke
Science
Theta Xi
18 Sheridan Ave.,
Paterson, N. J. 07602
I.D.C., I.F.C. and Inter-
class Sports, A.C.S.,
Dean's List, Frater-
nity Scholarship
Chairman

Bruce Davis Thompson
Engineering
Harbor Hill Harbor
Acres, Port
Washington, N. Y. 11050
I.D.C. Sports, Yacht
Club, Dean's List

Stanley Alexander
L'Pank
Stas
Engineering
Chi Psi
19 Little Ave., Riverside,
N. J. 08075
Varsity Tennis, Varsity
Squash, Varsity "S"
Club, Resident Assis-
tant, Student Repre-
sentative to the
Parents Association

Kenneth W. Wypa
Engineering
Alpha Sigma Phi
86 Union St., East
Rutherford, N. J. 07073
Frosh Squash, I.F.C.,
Sports, Hall Club,
Chess Club, Fraternity,
Vice President, Treas-
urer, Steward, and
Convention Delegate,
Arnold Air Society,
Dean's List

Arnold Perry Silverman
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 1841 Central Pkwy.,
 Schenectady, N. Y.
 12309
 Link Co-Editor-in-Chief,
 Stute, Senior Booklet,
 Glee Club, Alpha Phi
 Omega, I.E.E.E., Pi
 Delta Epsilon, Fra-
 ternity Pledgemaster
 and Treasurer, Gear
 and Triangle

Donald Michael
Soldiviero
 Don
 Engineering
 240 Hylan Blvd., Staten
 Island, New York,
 N. Y. 10305
 Golf Team, I.D.C.
 Sports, Interclass
 Sports

John Solomon Sonder
 Science
 Sigma Nu
 81-10 135 St., Jamaica,
 N. Y. 11435
 Fraternity Vice Presi-
 dent, Dean's List

Gene S. Spanier
 Gene
 Engineering
 2 Esplanade, Mt. Vernon,
 N. Y. 10553
 Stute, Radio Club, Chess
 Club, Computer Club,
 I.E.E.E., Dean's List

Richard Henry Stack Jr.
 Rich
 Engineering
 Beta Theta Pi
 394 High St., Perth
 Amboy, N. J. 08861
 Athletic Association,
 Link, Stute, I.D.C.
 Sports, I.F.C. Sports,
 Interclass Sports,
 Newman Club, Fra-
 ternity Steward,
 Dean's List, N. J.
 State Scholarship

Philip Charles Stein
 Engineering
 135 S. Lansdowne Ave.,
 Lansdowne, Pa. 09050
 Interclass Sports

Jeffrey Peter Strauss
 Science
 Alpha Sigma Phi
 63 Colonial Terr., East
 Orange, N. J. 07017
 President Jewish Fel-
 lowship, A.C.M. Sec-
 retary, Dean's List,
 Fraternity Steward

Donald Succardi
 Zuke
 Science
 Theta Xi
 16 Sheridan Ave.,
 Paterson, N. J. 07502
 I.D.C., I.F.C. and Inter-
 class Sports, A.C.S.,
 Dean's List, Frater-
 nity Scholarship
 Chairman

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 Disappointed
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 Sigma Nu
 61 Lenox Ave.,
 Demarest, N. J.
 I.F.C. Sports, Fraternity
 Delegate

Douglas Caldwell Sulzer
 Doug
 Engineering
 Sigma Phi Epsilon
 47 Bergen Road, Murry
 Hill, N. J. 07971
 Christian Fellowship,
 A.S.C.E., Stevens
 Night Committee,
 Dean's List

David William Tanis
 Tweed
 Engineering
 Delta Tau Delta
 319 Van Winkle Ave.,
 Hawthorne, N. J.
 07506
 Athletic Association,
 Varsity Basketball
 Captain, I.F.C. Sports,
 I.D.C. Sports, Inter-
 class Sports, Varsity
 "S" Club, Dean's List

Bruce Davis Thompson
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 Harbor Rd., Harbor
 Acres, Port
 Washington, N. Y. 11050
 I.D.C. Sports, Yacht
 Club, Dean's List

David E. Torgersen
 Torgy
 Engineering
 Sigma Nu
 712 Coolidge St.,
 Westfield, N. J. 07090
 I.E.E.E.

Philip Duy-Nang Tran
 Engineering
 20 Le-Quang-Hein,
 Cholon, South Vietnam
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 List

Rudolf Turner
 Rudy
 Engineering
 204 Ellis Ave., Irvington,
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 Interclass Sports, Chess
 Club, Dean's List

Stanley Alexander
 Urbanik
 Stas
 Engineering
 Chi Psi
 19 Little Ave., Riverside,
 N. J. 08075
 Varsity Tennis, Varsity
 Squash, Varsity "S"
 Club, Resident Assis-
 tant, Student Repre-
 sentative to the
 Parents Association

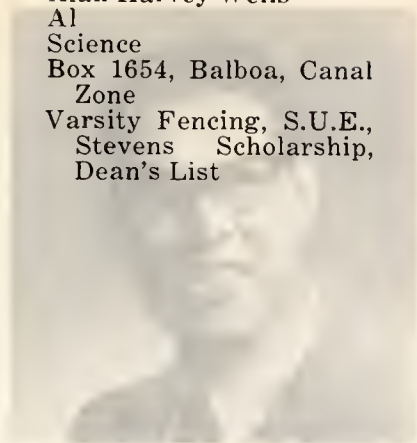
Henry Raymond Van
Handle
 Hank
 Engineering
 Theta Xi
 139 Howe Ave., Passaic,
 N. J. 07055
 Interclass Sports, Frosh
 Basketball, I.D.C.
 Sports, I.F.C. Sports,
 I.E.E.E., Yacht Club,
 Stevens Scholarship,
 Dean's List

William Anthony
Wainright
 Engineering
 Delta Tau Delta
 1205 Pond Rd., Spring
 Lake Heights, N. J.
 07762
 Athletic Association
 President, Student
 Council, Honor Board,
 Commissioner of
 Interclass Athletics,
 Stute, Varsity Basket-
 ball, Dean's List, Ste-
 vens Scholarship

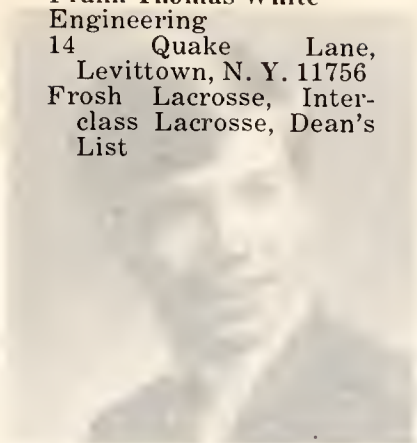
Robert George Waters
 Science
 Sigma Nu
 3915 Quentin Rd.,
 Brooklyn, N. Y. 11234
 I.F.C., Fraternity Social
 Chairman

Kenneth Waypa
 Engineering
 Alpha Sigma Phi
 86 Union St., East
 Rutherford, N. J. 07073
 Frosh Squash, I.F.C.
 Sports, Rail Club,
 Chess Club, Fraternity
 Vice President, Treas-
 urer, Steward, and
 Convention Delegate,
 Arnold Air Society,
 Dean's List

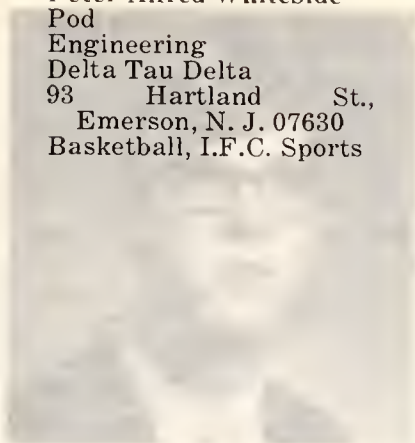
Alan Harvey Wells
Al
Science
Box 1654, Balboa, Canal
Zone
Varsity Fencing, S.U.E.,
Stevens Scholarship,
Dean's List



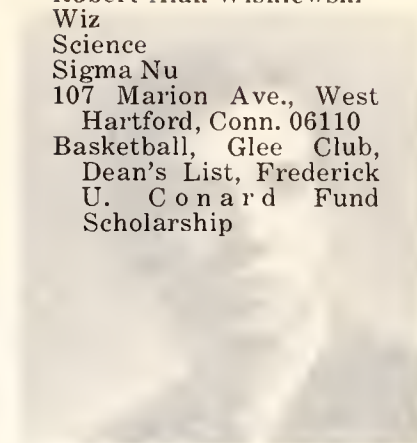
Frank Thomas White
Engineering
14 Quake Lane,
Levittown, N. Y. 11756
Frosh Lacrosse, Inter-
class Lacrosse, Dean's
List



Peter Alfred Whiteside
Pod
Engineering
Delta Tau Delta
93 Hartland St.,
Emerson, N. J. 07630
Basketball, I.F.C. Sports



Robert Alan Wisniewski
Wiz
Science
Sigma Nu
107 Marion Ave., West
Hartford, Conn. 06110
Basketball, Glee Club,
Dean's List, Frederick
U. Conard Fund
Scholarship



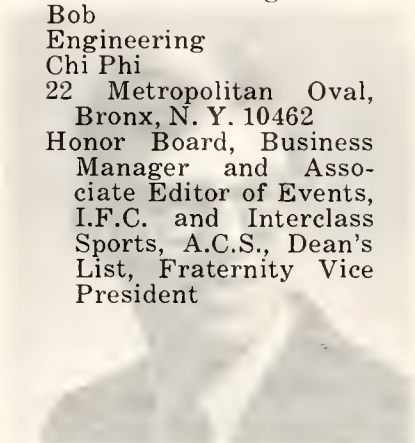
Robert Schafer Wissolik
Engineering
Sigma Nu
42-2 Yung Fu Li, Yang
Ming Shan, Taipei,
Taiwan, Rep. of China,
I.F.C. Plaque and
Traditions Chairman,
I.F.C. and Interclass
Sports, Chess Club,
Christian Fellowship,
Concert Band, Dean's
List, Fraternity
Steward



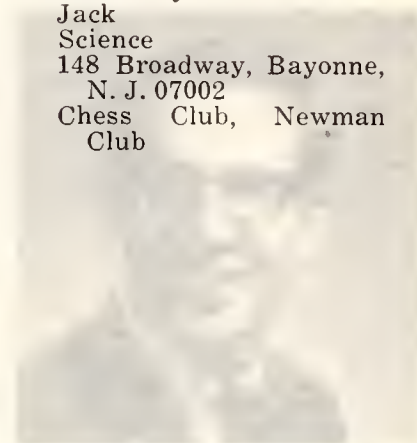
David Francis Yosh
Dave
Engineering
432 West Main St.,
Boonton, N. J. 07005
A.I.A.A., A.S.M.E.



Robert Alan Yungert
Bob
Engineering
Chi Phi
22 Metropolitan Oval,
Bronx, N. Y. 10462
Honor Board, Business
Manager and Asso-
ciate Editor of Events,
I.F.C. and Interclass
Sports, A.C.S., Dean's
List, Fraternity Vice
President



John Aloysius Yurko
Jack
Science
148 Broadway, Bayonne,
N. J. 07002
Chess Club, Newman
Club

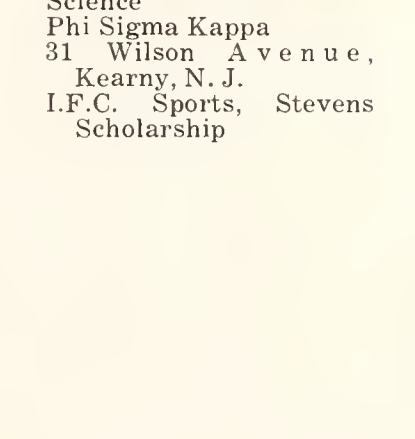


S. L. Zahler

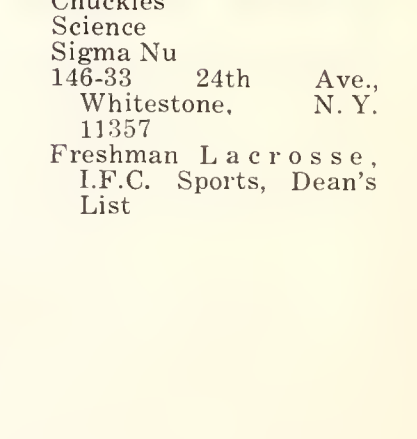


S. Allen

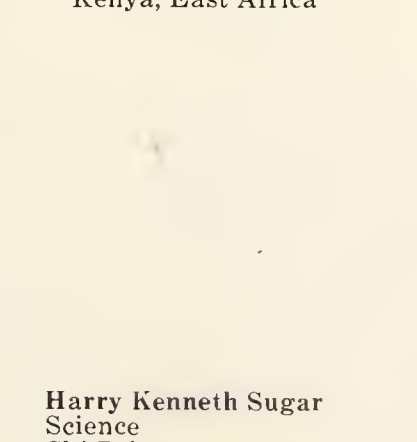
John William Bolland
Science
Phi Sigma Kappa
31 Wilson Avenue,
Kearny, N. J.
I.F.C. Sports, Stevens
Scholarship



Ronald De Stefano
Chuckles
Science
Sigma Nu
146-33 24th Ave.,
Whitestone, N. Y.
11357
Freshman Lacrosse,
I.F.C. Sports, Dean's
List

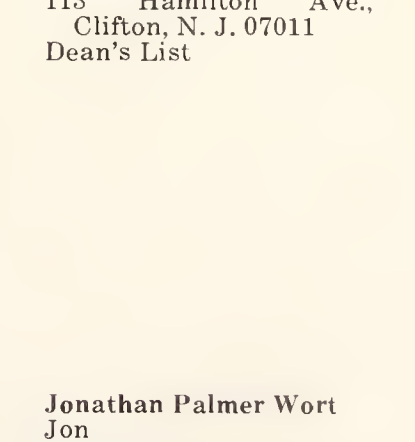


Oyuko Onyango Mbeche
Engineering
P.O. 13112, Nairobi,
Kenya, East Africa



T. Lewandowski

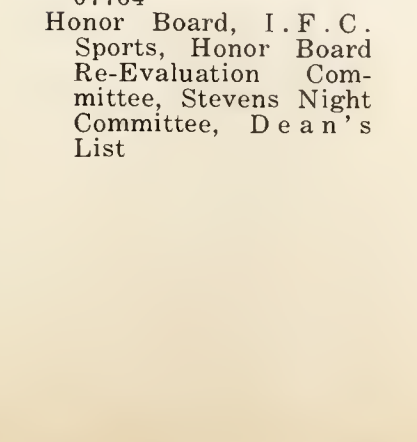
John Paul Pazdera
Jack
Science
113 Hamilton Ave.,
Clifton, N. J. 07011
Dean's List



William John Skawinski
Science
393 Madeline Ave.,
Garfield, N. J. 07026

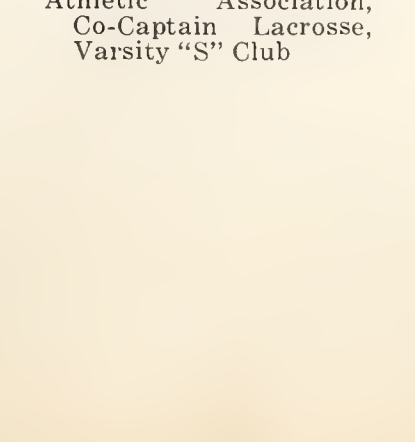


Harry Kenneth Sugar
Science
Chi Psi
36 Delaware Ave., West
Long Branch, N. J.
07764
Honor Board, I.F.C.
Sports, Honor Board
Re-Evaluation Com-
mittee, Stevens Night
Committee, Dean's
List



D. Viviani

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Jon
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Co-Captain Lacrosse,
Varsity "S" Club



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Dean's List

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Robert Alan Wintowski
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Basketball, Glee Club
Dean's List, Fredrick
U. Conrad Fund
Scholarship

Robert Schaefer Wissolik
Engineering
Sigma Nu
42-2 Young Fu Rd. Yang
Ming Shan, Taipei,
Taiwan, Rep. of China,
I.R.C. Plaque and
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Burlington, N.J. 07005
A.I.A.A., A.S.M.E.

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Bob
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Chi Phi
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Manager and Asso-
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List, Fraternity Vice
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Jack
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Scholarship

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Chuck
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Sigma Nu
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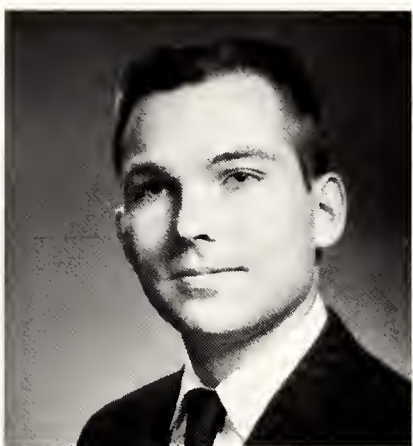
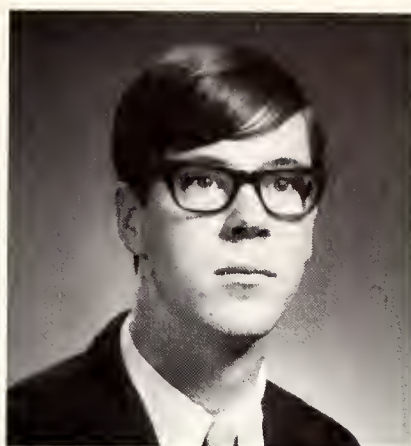
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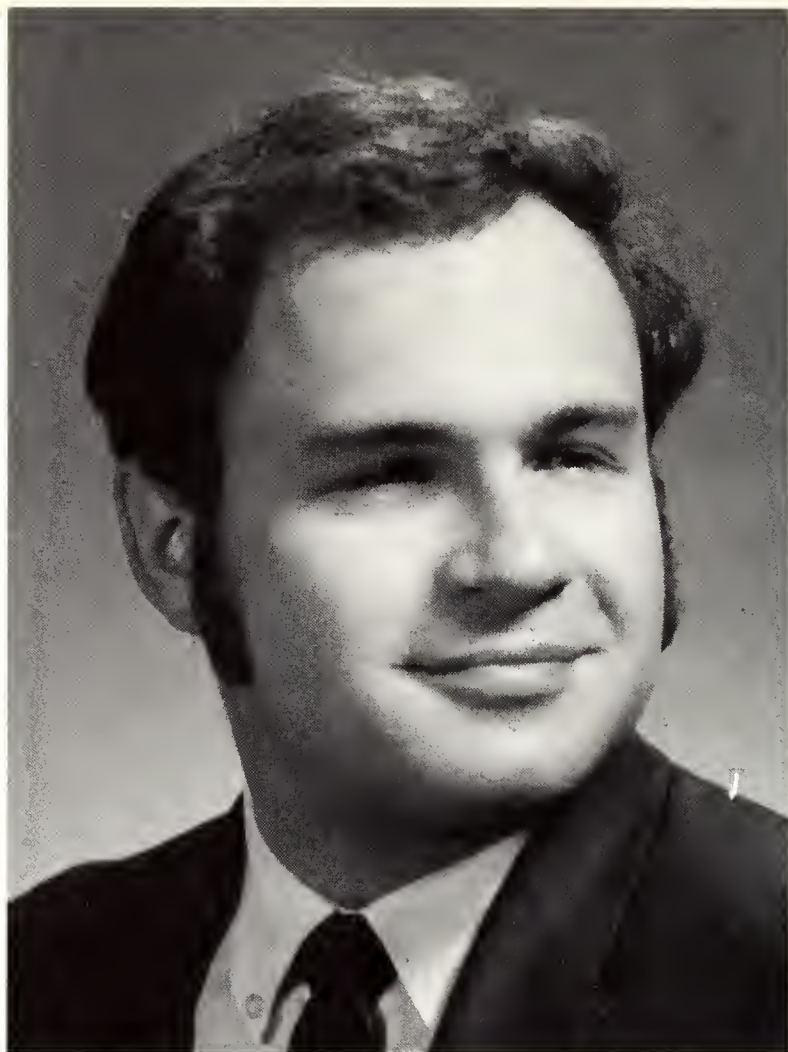
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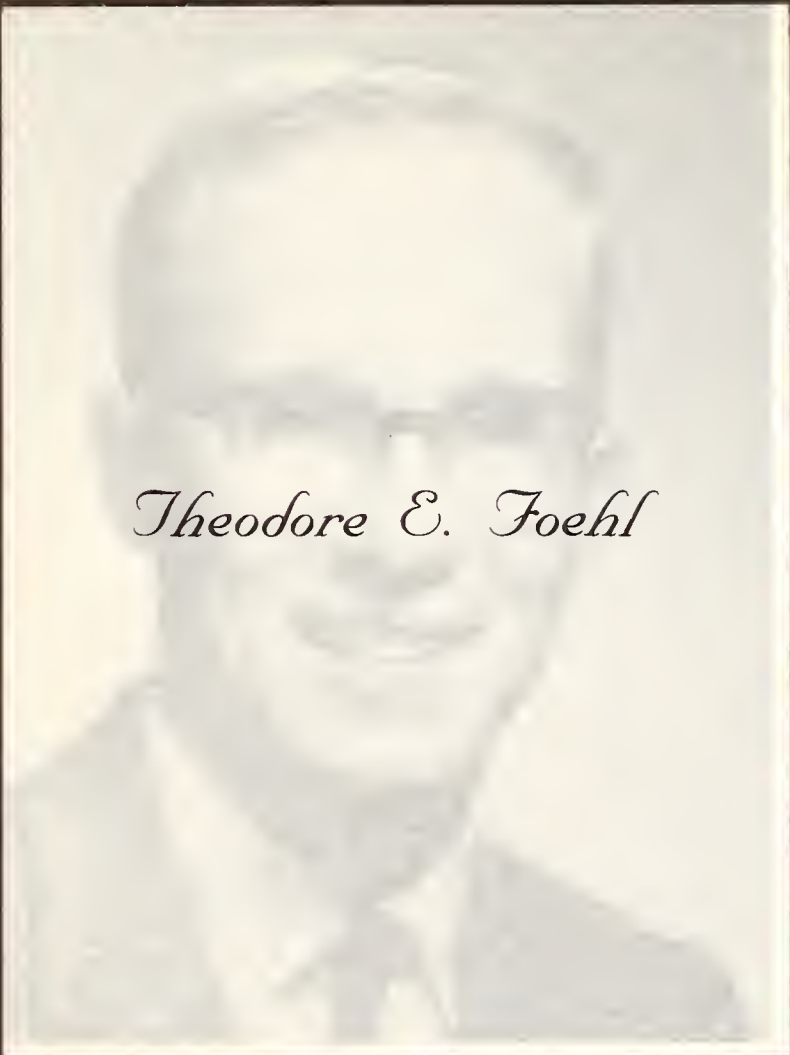
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You may house their bodies
but not their souls
For their souls dwell

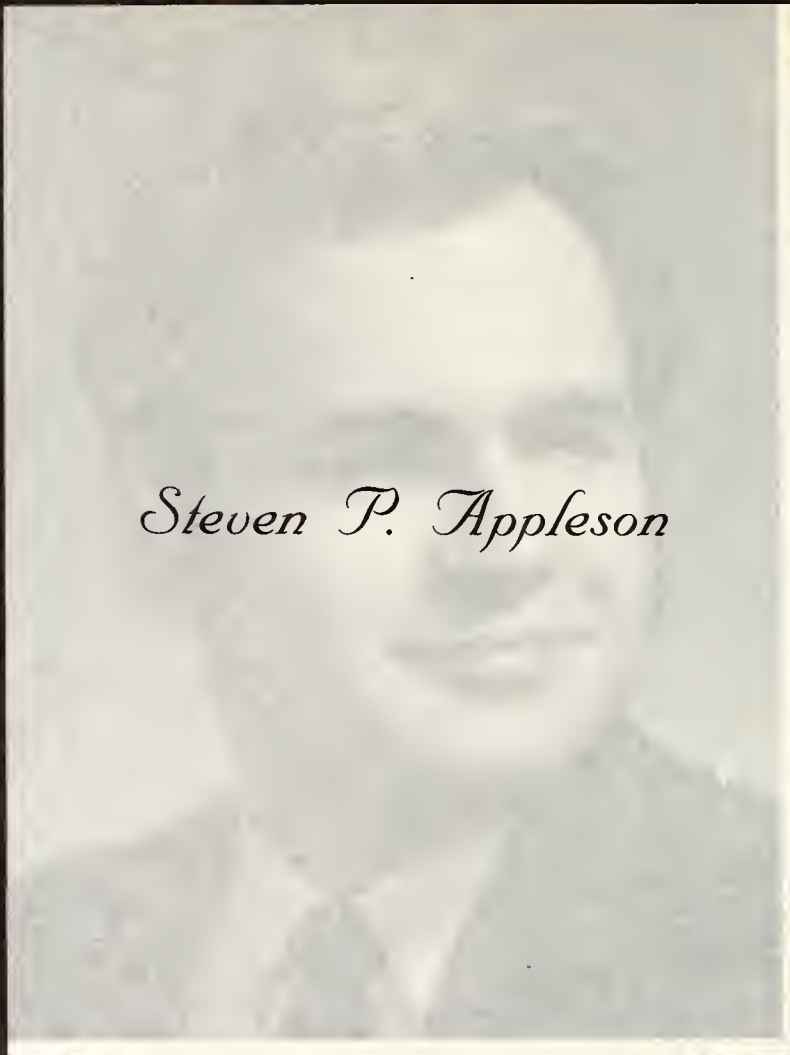
in the house of tomorrow,
which you can not visit
not even in your dreams

— Khalil Gibran

Editors,
Jerry Schler
Arnold Silverman



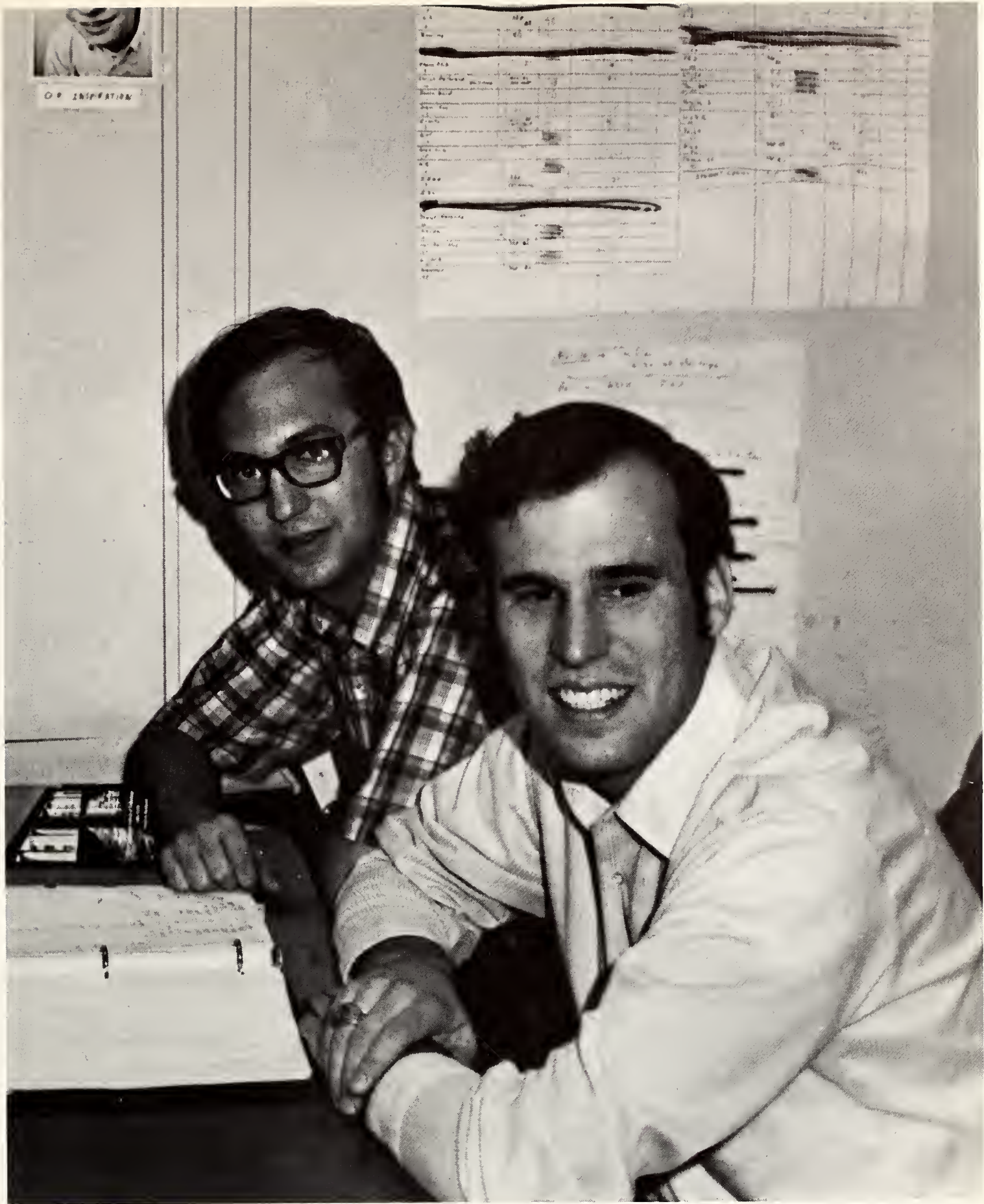
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*You may house their bodies
but not their souls,
For their souls dwell
in the house of tomorrow,
which you can not visit
not even in your dreams*

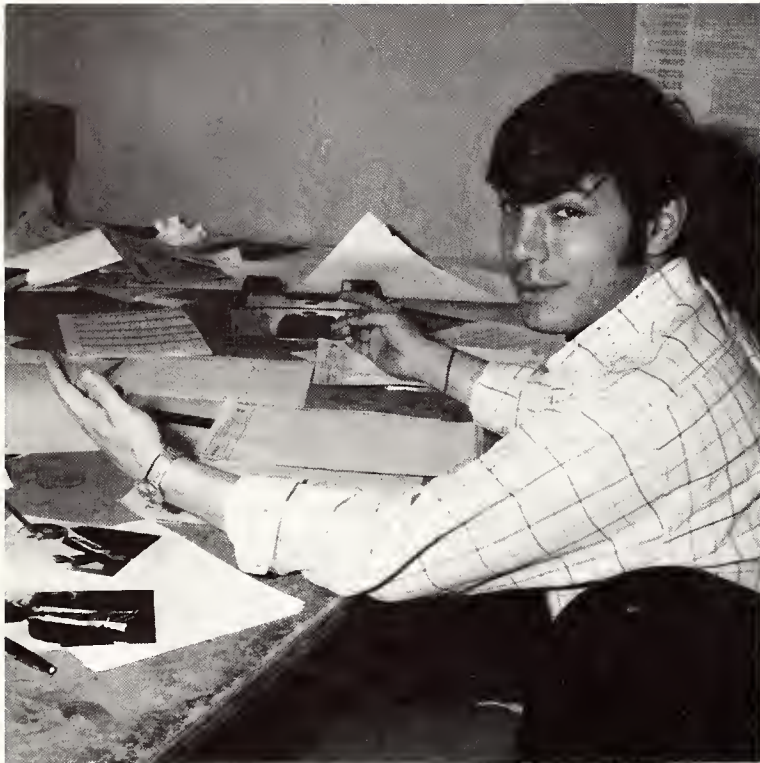
— Kahlil Gibran



The 1970 Centennial Yearbook is very special, particularly to us, the editors. We tried to incorporate in this book a great many different ideas and to show the history of Stevens in pictures and stories. Although at times the book seemed to be too big a task for us, we feel a great sense of accomplishment in completing the book, the largest in the history of Stevens: We would like to thank our staff, for without their help we would never have been able to finish.

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Arnold Silverman

Louis
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John Raven
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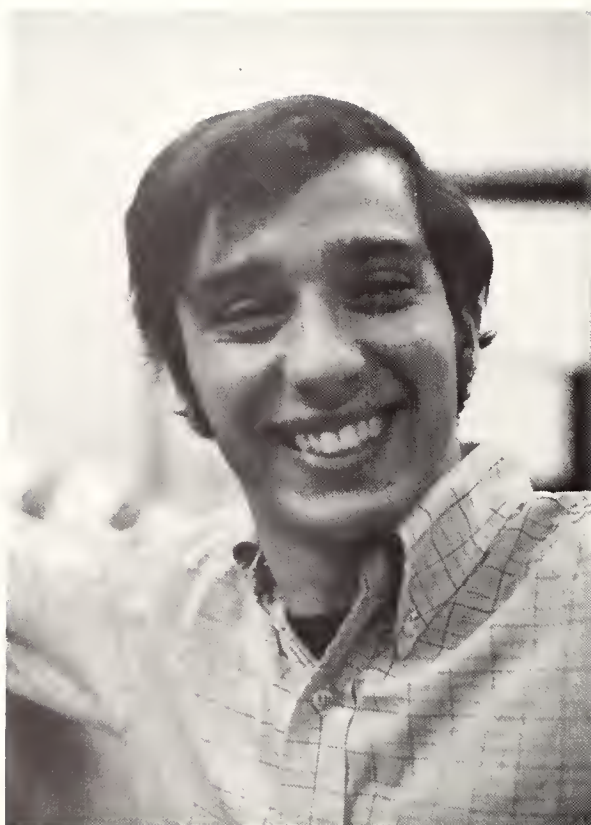
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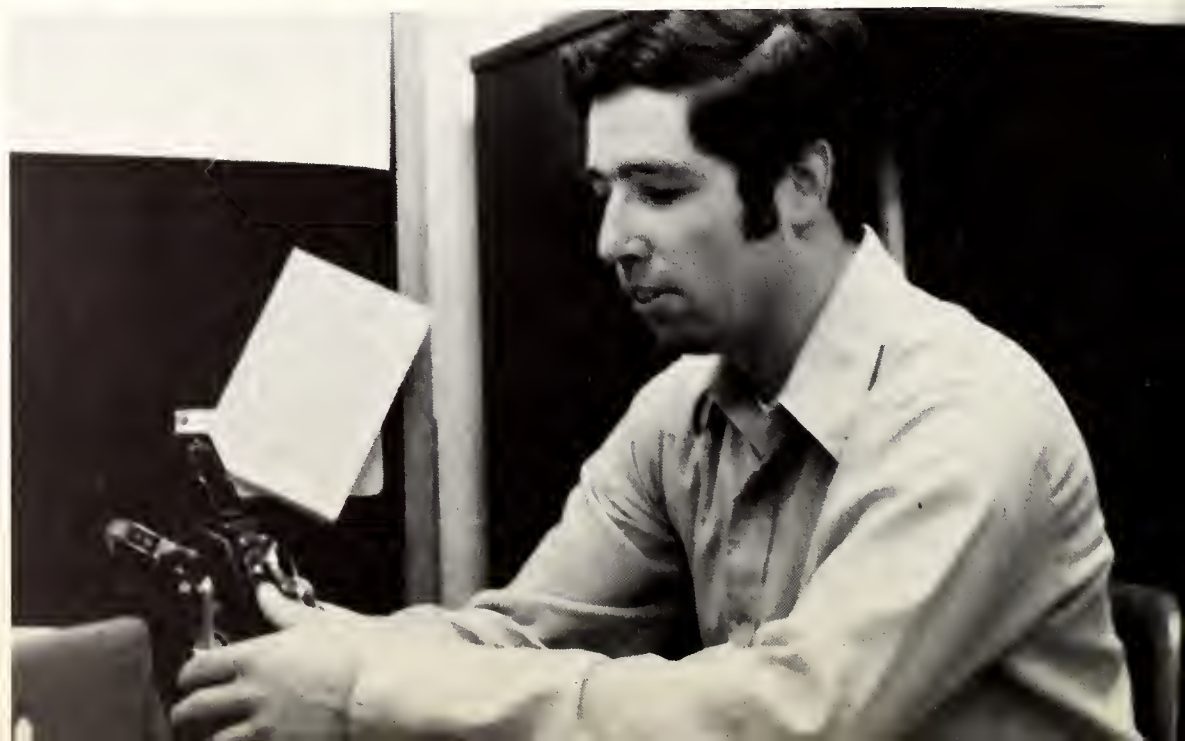
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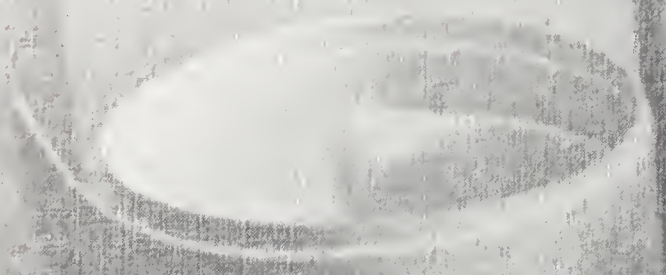
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10



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10





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1970

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- The Chemical and Engineering News Merit Award



SENIOR BALL





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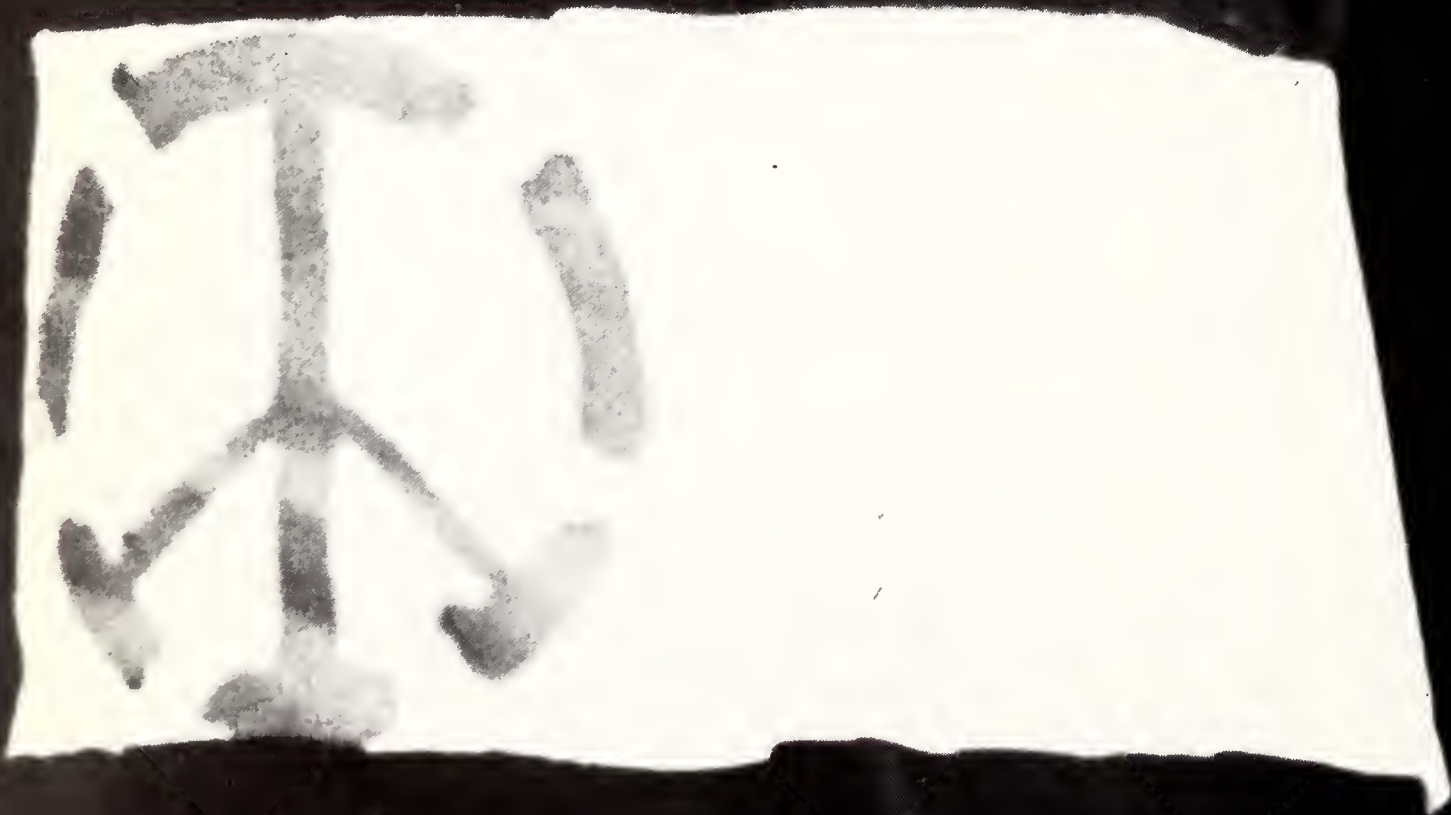








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This year the fund raising activities of the Association also included the Centennial Fund Drive—a massive capital fund campaign to raise \$15,500,000 in celebration of the 100th Anniversary of Stevens in 1970.

Alumni Banquet and Alumni Day—These are the two major events which draw Stevens men from all classes, all walks of life and all parts of the world back to the campus for the sole purpose of renewing old acquaintances.

Publications—Two alumni publications—The Alumni-letter and the Stevens Indicator magazine are published regularly to keep alumni informed of alumni activities, class news and major events at Stevens.

Alumni Directory—Every 5 years we also publish the Alumni Directory to provide each alumnus with a ready reference to the business and home addresses of all members of the Association.

Stevens Clubs—The Association has inspired and fostered the formation of a number of Stevens Alumni Clubs throughout the United States. Most of these clubs hold regular meetings and social gatherings.

Placement—Here is one of our major activities—the operation and financial support of the College Placement Service. Most of you took advantage of it not too long ago. It is still available to you as an alumnus.

Your Part—There are two ways you can find satisfaction and fulfillment in the Alumni Association: become an active member of one of our many committees; and/ or help keep your class together and active in attending Alumni affairs. The class is the nucleus of our organization—and will always be the closest to your heart. So keep together, work together and, have fun together.

We welcome you into the Association and we are proud to add the names of the members of your class to our roster.

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W. Wordsman

